Arizona State University

Academic Catalog Archive

2022-2023

This document provides an archival record of the academic programs offered during the 2022-2023 academic year. It is a printable option of the online catalog for accreditation organizations, agencies and university offices for data collection, evaluation purposes and referencing. The information and links presented in this archive may no longer be accurate. For current catalog information, refer to the online version of the academic catalog.

Corrections or additions to the Academic Catalog Archive 2022-2023 program information and major maps, as of August 2022, may be provided in a future addendum. For inquiries or questions, please contact academic.catalog@asu.edu.

About this document

To navigate this version of the Academic Catalog 2022-2023, refer to the table of contents and the bookmarks provided. The table of contents provides a hyperlinked listing of resources in the order in which they appear in this document. Keyword searches may be employed as an additional means of locating resources within this document.

This document contains program descriptions and requirements for graduate degrees and certificates, undergraduate degrees, minors and undergraduate certificates. Major maps, included for undergraduate degrees, outline each degree's requirements and a recommended sequence of courses. While Arizona State University continues their established special transfer partnerships with Arizona community colleges to facilitate the transition to ASU, Maricopa to ASU Pathways Program (MAPP) documents and Transfer Admission Guarantee (TAG) documents for established undergraduate degrees are no longer published as they are now being created on-demand and specific to the transferring student.

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Our approach: ASU mission and goals

ASU charter

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

ASU Charter Video [1] on Youtube

Mission and goals

Demonstrate leadership in enabling academic excellence and accessibility at scale

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

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

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

Enhance university graduation rate to **greater than 85 percent** and more than **40,000** graduates.

Continuously enhance quality while maintaining affordability.

Overcome geographic and financial barriers to education by enrolling **140,000** degree-seeking students.

Continuously increase measured student development and learning outcomes.

Engage learners of all socioeconomic, geographic and demographic backgrounds.

Establish national standing in academic quality and impact of colleges and schools in every field

Advance and maintain national standing in academic quality for each college and school.

Attain national standing in the learning and post-graduation outcomes for students in all colleges and schools.

Become the leading university academically (faculty, discovery, research, creativity) in at least one department or school within each college and school.

Establish ASU as the leading global center for interdisciplinary research, discovery and development by 2027

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

Enhance research competitiveness to more than **$1 billion** in annual research expenditures.

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

Serve as a leading American center for innovation and entrepreneurship.

Enhance our local impact and social embeddedness

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

Enhance research competitiveness to more than **$1 billion** in annual research expenditures.

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

Serve as a leading American center for innovation and entrepreneurship.

A New American University

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

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

Learn more [2]

Eight design aspirations

Eight design aspirations guide the ongoing evolution of ASU as a New American University. These institutional objectives are integrated in innovative ways throughout the university to achieve excellence, access and impact.

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

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

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

Fuse intellectual disciplines
ASU creates knowledge by transcending academic disciplines

Value entrepreneurship
ASU uses its knowledge and encourages innovation.

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

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

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

Download ASU charter

- English (PDF) [3]

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

Links:
[1] https://youtu.be/N2C6If8s2rM
[2] https://newamericanuniversity.asu.edu/
[3] https://president.asu.edu/sites/default/files/2022-02/new_american_university_2027_beyond_brochure_jan2022_0.pdf

Ideas and issues

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

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

Learn More [1]

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

Learn More [2]

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

Learn More [3]

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

Learn More [4]

Sustainability

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

Learn More [5]

Social embeddedness

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

Learn More [6]

Global engagement

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

Learn More [7]

Science policy

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

Learn More [8]

Diversity

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

Learn More [9]

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

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

ASU President's Statement to Tribes

ASU Commitment to American Indian Tribes

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

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

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

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

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

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

Source URL: https://americanindianaffairs.asu.edu/tribal%20relations/office-president

Diversity

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

Culture at ASU – This is who we are video on YouTube [1].

Learn more at inclusion.asu.edu [2]

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

Links:
[1] https://youtu.be/7Rw5_5_P06k
[2] https://inclusion.asu.edu

Inclusion at ASU

Arizona State University is deeply committed to positioning itself as one of the great new universities by seeking to build excellence, enhance access and have an impact on our community, state, nation and the world. To do that requires our faculty and staff to reflect the intellectual, ethnic and cultural diversity of our nation and world so that our students learn from the broadest perspectives, and we engage in the advancement of knowledge with the most inclusive understanding possible of the issues we are addressing through our scholarly activities.

We recognize that race and gender historically have been markers of diversity in institutions of higher education. However, at ASU, we believe that diversity includes additional categories such as socioeconomic background, religion, sexual orientation, gender identity, age, disability, veteran status, nationality and intellectual perspective.

Initiatives

- ADVANCE [1]
- Excelencia in Education [2]
- LIFT Initiatives [3]
- SEA Change [4]

Awareness

Disability language style guide

A go-to source for professionals seeking to use language that avoids the stereotypes frequently associated with disability.

Go to guide [10]

Accessibility training

Support and access to a suite of trainings for instructors, designers and developers.

Learn more [11]

DART transportation services

On-campus transportation is available to students, faculty, staff and guests with permanent or temporary physical disabilities.

Register [12]

Quick reads

Access Zone

Training designed to increase awareness among ASU faculty and staff about different kinds of disabilities and how to create support for all students.

Learn more [5]

ASU students 'disrupt disability'

Humanities Lab projects that increase accessibility at the university.

Read story [6]

ASU's accessibility center

Student Accessibility and Inclusive Learning Services (SAILS).

Read more [7]

The ASU charter

"ASU is a comprehensive public research university, measured not by whom we exclude, but rather by whom we include and how they succeed..." — ASU Charter

Look inside the blueprint for a New American University, a catalyst for social transformation, entrepreneurship and research that addresses society's biggest challenges.

ASU Charter Mission and Goals video [8] on Youtube.

ASU Charter and Goals [9]

Faculty development opportunities

Arizona State University has obtained an Institutional Membership to the National Center for Faculty Development and Diversity [13], an independent professional development, training, and mentoring community for faculty members, postdocs and graduate students. To join, visit the link below, select "Arizona State University" from the list of member institutions and then click the "Activate My Membership" button to claim your membership.

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

Links:
[1] https://advance.asu.edu/
[2] https://www.edexcelencia.org/
[3] https://president.asu.edu/commitment
[4] https://seachange.aaas.org/
[5] https://news.asu.edu/20200320-sun-devil-life-access-zone-training-raises-awareness-students-invisible-disabilities
[6] https://news.asu.edu/20210604-solutions-accessibility-asu-students-disrupt-disability
[7] https://news.asu.edu/20200817-asus-newly-named-accessibility-center-primed-serve-students
[8] https://www.youtube.com/watch?v=mPxGvoPE92g
[9] https://newamericanuniversity.asu.edu/about/asu-charter-mission-and-goals
[10] https://cronkite.asu.edu/news/2021/ncdj-releases-updated-disability-language-style-guide/
[11] https://accessibility.asu.edu/training

[12] https://eoss.asu.edu/accessibility/faculty-staff/on-campus-transportation
[13] https://www.facultydiversity.org/home

Diversity philosophy

Arizona State University is deeply committed to positioning itself as one of the great new universities by seeking to build excellence, enhance access and have an impact on our community, state, nation and the world.

To do that requires our faculty and staff to reflect the intellectual, ethnic and cultural diversity of our nation and world so that our students learn from the broadest perspectives, and we engage in the advancement of knowledge with the most inclusive understanding possible of the issues we are addressing through our scholarly activities.

As one part of this commitment, we have developed a strategic plan for diversity at ASU. Developed in consultation with a wide variety of constituencies within the university and the deans, this plan, called "Building blocks for success through people, programming and policies," contains a statement that serves as an ongoing touchstone of our commitment, and several specific initiatives that will change and evolve over time, depending on the challenges and opportunities we have before us.

Diversity is defined in terms of representation and inclusion. Representation reflects the extent to which our students, staff, faculty and administrators proportionately reflect the regional and national populations served by our public institution. Inclusion encompasses empowerment and voice among all members of the university community in the areas of scholarship, teaching, learning and governance.

We recognize that race and gender historically have been markers of diversity in institutions of higher education; we further believe that diversity includes additional categories such as socioeconomic background, religion, sexual orientation, gender identity, age, disability, veteran status, nationality and intellectual perspective.

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

Diversity initiatives at ASU

Graduate College diversity resources

Includes scholarships, career development, mentoring and other support for graduate students and undergraduates on the path to graduate school.

Learn more [1]

Southwest Borderlands Initiative

Strengthens existing Arizona State University scholarly and instructional resources on the Southwest with emphasis on the region along the United States-Mexico border and enhances institutional recruitment and retention efforts toward building a faculty fully reflective of the Southwest Borderlands' diversity.

Learn more [2]

Center for the Study of Race and Democracy

A leading interdisciplinary, problem-solving venture committed to socially embedded scholarship, increasing awareness and informed dialogue involving the topics of race and democracy.
Learn more [3]

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

Links:
[1] https://graduate.asu.edu/diversity-resources
[2] https://provost.asu.edu/initiatives/southwest-borderlands
[3] https://csrd.asu.edu/

Facts about ASU

Arizona State University is first in the nation in innovation, but it is also a diverse community of scholars, faculty and students striving to represent the needs and hopes of our public communities.

ASU Facts [1] | Faculty Excellence [2] | Rankings and Honors [3]

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

Links:
[1] https://www.asu.edu/facts/#/
[2] https://www.asu.edu/academics/faculty-excellence
[3] https://www.asu.edu/rankings

Contact Office of Inclusive Excellence

Please contact us with comments or questions. We would love to hear from you in person, by mail or via our webform. The webform will reach all of the members in our office or if you wish, you may call or email one of the members of our office [1] directly.

In person

Fulton Center, 4th Floor
300 E. University Drive, Suite 420
Tempe, AZ 85281
Phone: 480-965-2845

By mail

Arizona State University
Office of Inclusive Excellence
PO Box 877805
Tempe, AZ 85287-7805

By email

[Archivist's note: cannot archive webform]

Source URL: https://inclusion.asu.edu/contact-office-inclusive-excellence

Links:
[1] https://inclusion.asu.edu/about

Academic accreditation

Arizona Board of Regents

Mission, vision, history

Mission

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

Vision

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

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

The board's promise to Arizona

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

History

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

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

Source URL: https://www.azregents.edu/board/mission-vision-history

Board members

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

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

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

Lyndel Manson [1]
Chair

Doug Goodyear [7]
Regent

Fred DuVal [2]
Chair Elect

Gregg Brewster [8]
Regent

Larry Edward Penley [3]
Treasurer

Rachel Kanyur [9]
Student Regent, Assistant Treasurer

Cecilia Mata [4]
Secretary

Katelynn Rees [10]
Student Regent

Robert J. Herbold [5]
Regent

Doug Ducey [11]
Ex-Officio

Jessica Pacheco [6]
Regent

Kathy Hoffman [12]
Ex-Officio

History

In 1864, the first Territorial Legislature authorized the establishment of the University of Arizona and provided for the management, direction, governance, and control by a Board of Regents. The state colleges, one in Tempe and one in Flagstaff, were governed by a three-member State Board of Education that included the superintendent of public instruction and two members appointed by the governor. In March of 1945, the governor signed House Bill 136 uniting the governing boards of the university and state colleges of Arizona. The authority of the Board of Regents expanded to include the Arizona State Teachers College at Tempe (since 1958 Arizona State University), and Arizona State Teachers College at Flagstaff (since 1966 Northern Arizona University).

History and selection of student regent

The student regent is chosen through a rigorous process that begins with candidates applying to the Board of Associated Students of Arizona. The student board forwards three final candidates to the local student government on campus where the nominees are then confirmed and forwarded to the governor's office. After the governor conducts interviews, he or she nominates one student for the position. The governor's nominee must then be confirmed by the Arizona Senate.

A student was first added to the board in a non-voting position in 1978, and the student regent was granted voting privileges during the 1989-90 term. During the 44th legislative session in 2000, a second, non-voting student member was added to the Arizona Board of Regents. Student regents are now appointed for two years; the first year is served as a non-voting member and the second year as the voting student regent.

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

Links:
[1] https://www.azregents.edu/regents/lyndel-manson
[2] https://www.azregents.edu/regents/fred-duval
[3] https://www.azregents.edu/regents/larry-edward-penley
[4] https://www.azregents.edu/board-members/cecilia-mata
[5] https://www.azregents.edu/regents/robert-j-herbold
[6] https://www.azregents.edu/regents/jessica-pacheco
[7] https://www.azregents.edu/regents/doug-goodyear

[8] https://www.azregents.edu/regents/gregg-brewster
[9] https://www.azregents.edu/student-regents/rachel-kanyur
[10] https://www.azregents.edu/student-regents/katelynn-rees
[11] https://www.azregents.edu/board-members/doug-ducey
[12] https://www.azregents.edu/regents/kathy-hoffman

University Program Review and Accreditation Office

The University Program Review and Accreditation Office is housed within the Office of the University Provost, and is responsible for ensuring the quality education provided at Arizona State University. We do this through a few branches of work which are outlined below. Please visit our individual web pages to get a more detailed overview of each section. All Arizona State University academic programs are fully accredited by the Higher Learning Commission. Verify status here [1].

Liaison to the Higher Learning Commission (HLC)

The UPRA Office monitors institutional compliance with HLC policies and assumed practices and coordinates the institutional reviews for continuing accreditation by the HLC. UPRA also facilitates HLC approval of program and/or institutional changes when required. Currently, our big project is preparing for our ten-year HLC comprehensive reaccreditation visit [2] in 2022–2023.

Specialized accreditation oversight

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

Academic program review oversight

The Arizona Board of Regents (2-208) requires academic program reviews [4] at least once every seven years. Periodic program reviews provide a mechanism for faculty to evaluate the effectiveness, progress and status of their academic programs on a continuous basis. The UPRA Office is responsible for oversight of program reviews. Our office coordinates the academic program review process, which covers all program inventory of an academic unit including undergraduate and graduate programs as well as other curricular and co-curricular offerings. The reviews include a review of faculty contributions to the unit, facilities and resources, attention to missions, and many other aspects of the unit to ensure continuous quality improvement.

Centers and institutes oversight

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

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

Links:
[1] https://www.hlcommission.org/General/mark-of-accreditation-status-verification.html?104108099+118097108105100097116105111110+108111103111046112110103+10411611611211505

804704711211411111811111511604609711511704610110011 7047&UGxEQk3X8u80qdqfdWHqzSO3iuZO2NztTROJ5V
uon7A%3d
[2] https://provost.asu.edu/hlc
[3] https://provost.asu.edu/node/2435
[4] https://provost.asu.edu/upra/academic-program-review
[5] https://www.asu.edu/academics/centers-and-institutes

Academic program review

Purpose and guiding principles

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

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

APR for units with specialized accreditation

Arizona Board of Regents Policy allows specialized accreditation reports to substitute for an APR, although expectations are that areas missed in the specialized review are addressed separately. For example, ABET reviews only undergraduate engineering programs, so the UPRA Office also gathers a review of graduate programs using a modified self-study template (see the example from the School of Electrical, Computer and Energy Engineering [1]).

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

The guiding principles for the APR process include:
- The process should be broadly participatory involving faculty, students, staff administrators, and relevant community constituents.
- The APR should provide a framework for excellence; an opportunity to explore, enhance, and integrate student learning and faculty teaching, service and scholarly efforts into the unit's mission and goals.

- The process should facilitate short-term and long-term strategic planning in areas such as curricula development, resource allocation (e.g., financial, physical), faculty/staff hiring/workload and research foci.
- The APR provides the opportunity for the university to account for its use of public resources and facilitate relationships with its various constituencies.

Those directly responsible for the APR process should familiarize themselves with all parts of the manual [2] along with the related checklists and appendices [3].

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

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

Programs with specialized accreditation

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

College of Health Solutions

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

College of Integrative Sciences and Arts

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

Edson College of Nursing and Health Innovation

Accredited programs	Accrediting agencies
BSN, Nursing DNP, Advanced Nursing Practice MS, Nursing	Arizona State Board of Nursing/Commission of Collegiate Nursing Education (CCNE)
MS, Clinical Research Management	Commission on Accreditation of Allied Health Education Programs

Herberger Institute for Design and the Arts

School of Music

Accredited programs	Accrediting agencies
BMUS, Music Therapy MM, Music Therapy	American Music Therapy Association (AMTA)
BA, Music BMUS, Music Education BMUS, Music Therapy BMUS, Performance BMUS, Theory & Composition DMA, Music MA, Music MM, Composition MM, Music Education MM, Music Therapy MM, Performance PhD, Music	National Association of Schools of Music (NASM)

The Design School

Accredited programs	Accrediting agencies
BSLA, Landscape Architecture MLA, Landscape Architecture	Landscape Architectural Accreditation Board (LAAB)

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

Ira A. Fulton Schools of Engineering

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

BSE, Mechanical Engineering

Sandra Day O'Connor College of Law

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

The College of Liberal Arts and Sciences

Department of Psychology

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

School of Geographical Sciences and Urban Planning

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

School of Mathematical and Statistical Sciences

Accredited programs	Accrediting agencies
BS, Actuarial Science	Society of Actuaries

School of Molecular Sciences

Accredited programs	Accrediting agencies
BS, Chemistry	American Chemical Society

Thunderbird School of Global Management

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

Walter Cronkite School of Journalism and Mass Communication

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

Watts College of Public Service and Community Solutions

School of Community Resources and Development

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

School of Public Affairs

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

School of Social Work

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

W. P. Carey School of Business

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

PhD, Economics

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

Academic organizations 2022-2023

Academic organizations 2022-2023

*Effective July 1, 2022

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

Barrett, The Honors College

Business, W. P. Carey School of

Accountancy, School of

Agribusiness, Morrison School of

Economics, Department of

Finance, Department of

Information Systems, Department of

Management and Entrepreneurship, Department of

Marketing, Department of

Supply Chain Management, Department of

Design and the Arts, Herberger Institute for

Art, School of

Arts, Media and Engineering, School of

Design School, The

Music, Dance and Theatre, School of

The Sidney Poitier New American Film School

Engineering, Ira A. Fulton Schools of

Biological and Health Systems Engineering, School of

Computing and Augmented Intelligence, School of

Electrical, Computer and Energy Engineering, School of

Engineering of Matter, Transport and Energy, School for

Manufacturing Systems and Networks, School of

The Polytechnic School

Sustainable Engineering and the Built Environment, School of

Global Futures, College of

Complex and Adaptive Systems, School of

Future of Innovation in Society, School for the

Ocean Futures, School of

Sustainability, School of

Global Management, Thunderbird School of

Graduate College

Health Solutions, College of

Integrative Sciences and Arts, College of

Interdisciplinary Arts and Sciences, New College of

Humanities, Arts and Cultural Studies, School of

Mathematical and Natural Sciences, School of

Social and Behavioral Sciences, School of

Journalism and Mass Communication, Walter Cronkite School of

Law, Sandra Day O'Connor College of

Liberal Arts and Sciences, The College of

Aerospace Studies, Department of

American Indian Studies Program

Civic and Economic Thought and Leadership, School of

Earth and Space Exploration, School of

English, Department of

Geographical Sciences and Urban Planning, School of

Historical, Philosophical and Religious Studies, School of

Human Communication, Hugh Downs School of

Human Evolution and Social Change, School of

International Letters and Cultures, School of

Life Sciences, School of

Mathematical and Statistical Sciences, School of

Military Science, Department of

Molecular Sciences, School of

Naval Science, Department of

Physics, Department of

Politics and Global Studies, School of

Psychology, Department of

Social and Family Dynamics, T. Denny Sanford School of

Social Transformation, School of

Transborder Studies, School of

Nursing and Health Innovation, Edson College of

Public Service and Community Solutions, Watts College of

Community Resources and Development, School of

Criminology and Criminal Justice, School of

Public Affairs, School of

Social Work, School of

Teachers College, Mary Lou Fulton

Educational Leadership and Innovation, Division of

Teacher Preparation, Division of

University College

Locations of record

For the 2022-2023 academic year, Arizona State University offered degree-granting programs at the following locations.

Downtown Phoenix campus
411 N Central Ave
Phoenix, AZ 85004

Polytechnic campus
7001 E Williams Field Rd
Mesa, AZ 85212

Tempe campus
1151 S Forest Ave
Tempe, AZ 85287

West campus
4701 W Thunderbird Rd
Glendale, AZ 85306

ASU at Cochise
901 Colombo Ave
Sierra Vista, AZ 85635

ASU at Hainan
Hainan, China

ASU at Lake Havasu
100 University Way
Lake Havasu, AZ 86403

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

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

ASU at Mexico City
Mexico City, Mexico

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

ASU at Pima
2202 W Anklam Rd
Tucson, AZ 85709

ASU at Pinal
540 N Camino Mercado
Casa Grande, AZ 85122

ASU at The Gila Valley
615 N Stadium Ave
Thatcher, AZ 85552

ASU at Tucson

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

ASU at Washington, D. C.

1800 I St NW
Washington, D.C. 20006

ASU at Yavapai

6955 Panther Path
Prescott Valley, AZ 86314

ASU at Yuma

2020 S Ave 8 E
Yuma, AZ 85365

ASU Online

An online campus

ASU Sync

An online synchronous modality

Academic calendar

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

Fall/Spring session A:
first 7.5-week session

Fall/Spring session B:
second 7.5-week session

Fall/Spring session C:
full semester (15 weeks plus final exams)

Summer session A:
first 6-week session

Summer session B:
second 6-week session

Summer session C:
8-week session

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

Fall 2022

Session A: Thursday, 8/18/2022 – Friday, 10/7/2022
Session B: Wednesday,10/12/2022 – Friday, 12/2/2022
Session C: Thursday, 8/18/2022 – Friday, 12/2/2022 (Final Exams 12/5/2022 - 12/10/2022)

Action	Dates		
Schedule of Classes Available [2]	February 21, 2022		
Registration Dates Begin [3]	In-Person students: February 24, 2022 ASU Online students: February 25, 2022		
$50.00 Late Registration Fee Begins [4] (does not apply to ASU Online students)	Session A August 10, 2022	Session B October 4, 2022	Session C August 10, 2022
Tuition Fee Payment Deadline - for registration through 8/18/2022. For more information see Tuition and Deadlines [5]	August 25, 2022		
Classes Begin	**Session A** **August 18, 2022**	**Session B** **October 12, 2022**	**Session C** **August 18, 2022**

Academic Status Reports [6] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sundays	Session A August 18 - October 2, 2022	Session B October 12 - November 27, 2022	Session C August 18 - November 27, 2022
Extended Hours (Registration Sites Only)	TBD		
Last Day to Register or Drop/Add [7] Without College Approval	Session A August 19, 2022	Session B October 13, 2022	Session C August 24, 2022
Residency Classification Petition Deadline [8]	August 24, 2022		
Automatic ASU Payment Plan Enrollment - Students who registered through August 18 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan [14].	August 29, 2022		
Tuition & Fees 100% Refund Deadline - For more information see Tuition and Deadlines [5]	Session A August 24, 2022	Session B October 18, 2022	Session C August 31, 2022
Labor Day Observed *Classes excused/University closed*	September 5, 2022		
University 21st Day	Session A September 7, 2022	Session B November 1, 2022	Session C September 7, 2022
Tuition Fee Payment Deadline - for registration from 8/19/2022 through 9/18/2022. For more information see Tuition and Deadlines [5]	September 25, 2022		
University 45th Day	October 1, 2022		
Deadline to Apply for Graduation	October 3, 2022		
Fall Break *Classes excused/University open*	October 8-11, 2022		
Tuition Fee Payment Deadline - for registration from 9/19/2022 through	October 25, 2022		

10/25/2022. For more information see Tuition and Deadlines [5]			
Course Withdrawal Deadline	Session A September 7, 2022	Session B November 1, 2022	Session C November 2, 2022
Veterans Day Observed *Classes excused/University closed*	November 11, 2022		
Thanksgiving Holiday Observed *Classes excused/University closed*	November 24-25, 2022		
Complete Session Withdrawal Deadline [13] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here [15].	Session A October 7, 2022	Session B December 2, 2022	Session C December 2, 2022
Classes End/ Last Day to Process Transactions	Session A October 7, 2022	Session B December 2, 2022	Session C December 2, 2022
Study Days	Session A N/A	Session A N/A	Session A December 3-4, 2022
Final Exams [16]	Session A Last Day of Classes	Session B Last Day of Classes	Session C December 5 - 10, 2022
Final Grades Due	Session A October 10, 2022	Session B December 5 - 12, 2022	Session C December 5 - 12, 2022
Commencement Ceremony (Graduate and Undergraduate) http://graduation.asu.edu [17]	December 12, 2022		
Degree Conferral Date	December 12, 2022		
Grade Replacement/Academic Standing Processing	December 13-14, 2022		
Holiday Break	December 23 - 26, 2022		

Classes excused/University closed	

Spring 2023

Session A: Monday, 1/9/2023 – Tuesday, 2/28/2023
Session B: Monday, 3/13/2023 – Friday, 4/28/2023 (ASU Online and iCourses may end on Tuesday, 5/2/2023)
Session C: Monday, 1/9/2023 – Friday, 4/28/2023 (Final Exams 5/1/2023 – 5/6/2023)

Action	Dates		
Schedule of Classes Available [2]	September 20, 2022 (tentative)		
Registration Dates Begin [3]	ASU Online students: September 27, 2022 In-Person students: October 17, 2022 (tentative)		
$50.00 Late Registration Fee Begins [4] (does not apply to ASU Online students)	Session A January 2, 2023	Session B March 5, 2023	Session C January 2, 2023
Tuition Fee Payment Deadline - for registration through 1/18/23. For more information see Tuition and Deadlines [5]	January 25, 2023		
Automatic ASU Payment Plan Enrollment - Students who registered through 1/18/23 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan [14].	January 27, 2023		
Classes Begin	**Session A** **January 9, 2023**	**Session B** **March 13, 2023**	**Session C** **January 9, 2023**
Academic Status Reports [6] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sundays	Session A January 9 - February 19, 2023	Session B March 13 - April 23, 2023	Session C January 9 - April 23, 2023
Last Day to Register or Drop/Add [7] **Without College Approval**	Session A January 10, 2023	Session B March 14, 2023	Session C January 15, 2023
Residency Classification Petition Deadline [8]	January 15, 2023		

Tuition & Fees 100% Refund Deadline - For more information see Tuition and Refund Policy [9]. Note: If you choose to drop a class [10] or withdraw from ASU [11] after this deadline, you may receive a bill for the financial aid used to cover those classes.	Session A January 15, 2023	Session B March 19, 2023	Session C January 22, 2023
Martin Luther King Jr. Holiday Observed *Classes excused/University closed*	January 16, 2023		
University 21st Day	Session A January 30, 2023	Session B April 3, 2023	Session C January 30, 2023
Deadline to Apply for Graduation (See also, Online Grad Fair [12], dates and times)	February 15, 2023		
University 45th Day	February 22, 2023		
Spring Break *Classes Excused/University open*	March 5-12, 2023		
Course Withdrawal Deadline [7]	Session A January 27, 2023	Session B March 31, 2023	Session C April 2, 2023
Complete Session Withdrawal Deadline [13] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here [15].	Session A February 28, 2023	Session B April 28, 2023	Session C April 28, 2023
Classes End/ Last Day to Process Transactions (Session B ASU Online & iCourses may end Tuesday, 5/2/2023)	Session A February 28, 2023	Session B April 28, 2023	Session C April 28, 2023
Study Days	Session A N/A	Session B N/A	Session C April 29-30, 2023
Final Exams [16]	Session A Last day of classes	Session B Last day of classes	Session C May 1–6, 2023

Final Grades Due	Session A March 3, 2023	Session B May 1–8, 2023	Session C May 1–8, 2023
Commencement [17] **- (Graduate and Undergraduate)**	May 8, 2023		
Degree Conferral Date	May 8, 2023		
Grade Replacement/Academic Standing Processing	May 9-10, 2023		

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

Links:
[1] https://my.asu.edu/
[2] https://webapp4.asu.edu/catalog/
[3] https://students.asu.edu/registration
[4] https://students.asu.edu/tuitiondescriptions
[5] https://students.asu.edu/tuitiondeadlines
[6] http://asu.force.com/kb/articles/FAQ/What-is-an-Academic-Status-Report
[7] https://students.asu.edu/drop-add
[8] https://students.asu.edu/residency
[9] http://students.asu.edu/tuitionrefundpolicy
[10] http://students.asu.edu/policies/census
[11] http://students.asu.edu/policies/fa-withdrawal
[12] https://graduation.asu.edu/graduates/dressing
[13] https://students.asu.edu/drop-add#comp%20wd
[14] https://students.asu.edu/payment-plan
[15] http://students.asu.edu/forms/withdrawal
[16] https://students.asu.edu/final-exam-schedule#Spring
[17] http://graduation.asu.edu/

Residency

Residency for tuition purposes

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

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

Requesting residency reclassification

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

1. Residency Navigator
2. Review Requirements
3. Submit your Petition

Residency navigator

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

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

Residency petition

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

Independent student

Requirements

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

Read more about this petition [4].

Request reclassification

Your petition is completed in three steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]
Step 3: Pay [5] the petition fee prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Dependent student

Requirements

The dependent student petition requires you to:

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

Read more about this petition [7].

Request reclassification

Your petition is completed in three steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]
Step 3: Pay [5] the petition fee prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Spouse

Requirements

The spouse petition requires you to:

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

Read more about this petition [17].

Request reclassification

Your petition is completed in three steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]
Step 3: Pay [5] the petition fee prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Transferred employee

Requirements

The transferred employee petition requires you to:

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

Read more about this petition [16].

Request reclassification

Your petition is completed in three steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]
Step 3: Pay [5] the petition fee prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Military

Requirements

The military petition applies to U. S. military members (and their spouses/dependents) and requires you to:

- Provide proof that the military member is currently stationed in Arizona

OR

- Provide proof that the U.S. military member's state of legal residence is Arizona (and has been for at least 12 months)

Dependents are also eligible if the student provides proof of intent to be an Arizona resident and proof that they are using transferred post/911 G.I. bill benefits during a time in which the member of the U.S. uniformed services is serving on active duty (of 90 days or more).

Read more about this petition [15].

Request reclassification

Your petition is completed in two steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Veteran

Requirements

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

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

OR

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

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

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

OR

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

Read more about this petition [14].

Request reclassification

Your petition is completed in two steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Native American

Requirements

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

Read more about this petition [13].

Request reclassification

Your petition is completed in two steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

Teacher

Requirements

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

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

Read more about the this petition [12].

Request reclassification

Your petition is completed in two steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

AmeriCorps/VISTA

Requirements

The AmeriCorps/VISTA exception applies if teacher waiver applies if you have served one year in Arizona in either an AmeriCorps or Volunteers in Service to America (VISTA) program.
Read more about this petition [11].

Request reclassification

Your petition is completed in two steps:

Step 1: Start [5] and submit your online questionnaire prior to the petition deadline [6].
Step 2: Submit [5] your documents prior to the document deadline [6]

Deadlines

Don't miss your deadlines [6]:

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

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

Links:
[1] https://www.azleg.gov/arstitle/
[2] https://www.azregents.edu/policy-manual
[3] https://students.asu.edu/non-resident-tuition-rate-arizona-high-school-graduates
[4] https://students.asu.edu/sites/default/files/in_petition_instructions_aug_2021.pdf
[5] https://go.oasis.asu.edu/residencypetition/
[6] https://students.asu.edu/residency-deadlines
[7] https://students.asu.edu/sites/default/files/de_petition_instructions_aug_2021.pdf

[8] https://students.asu.edu/residency-contact

[9] https://students.asu.edu/residency

[10] mailto:residency@asu.edu

[11] https://students.asu.edu/sites/default/files/am_petition_instructions_aug_2021.pdf

[12] https://students.asu.edu/sites/default/files/tw_petition_instructions_aug_2021.pdf

[13] https://students.asu.edu/sites/default/files/na_petition_instructions_aug_2021.pdf

[14] https://students.asu.edu/sites/default/files/vt_petition_instructions_aug_2021.pdf

[15] https://students.asu.edu/sites/default/files/mi_petition_instructions_aug_2021.pdf

[16] https://students.asu.edu/sites/default/files/tr_petition_instructions_aug_2021.pdf

[17] https://students.asu.edu/sites/default/files/sp_petition_instructions_aug_2021.pdf

Residency requirements

Student/petition types

ABOR policy broadly defines nine different paths to residency. Each has a unique set of requirements, which are summarized below. If you are unsure which petition is best for you, please contact us [1].

How to Petition [2].

Independent student

The Independent student petition is best suited for students that:

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

Additional information about the Independent student petition can be found here [3].

Dependent student

The Dependent student petition is best suited for students that:
- Can provide objective evidence that they are domiciled in Arizona
- Have parents (or a parent) who are domiciled in Arizona
- Can document that your parent (who is domiciled in Arizona) is entitled to claim you as an exemption for federal and state tax purposes.

Additional information about the Dependent student petition can be found here [4].

Spouse

The Spouse petition is best suited for students that:

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

Additional information about the Spouse petition can be found here [5].

Transferred employee

The Transferred employee petition is best suited for students that:

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

Additional information about the Transferred employee petition can be found here [6].

Military

The Military petition is best suited for students that:

- Are members of the U.S. military (or the spouse/dependent of) who are:
  - stationed in Arizona or
  - stationed elsewhere and maintain Arizona has their state if legal residence (and has been for at least 12 months)

Or

- Are dependents of U.S. military members who are using transferred Post-9/11 G.I. Bill (Chapter 33) benefits during a time in which the member of the U.S. uniformed services is serving on active duty (90 days or more)

Additional information about the Military petition can be found here [7].

Veterans

The Veteran petition is best suited for students that:

- can provide objective evidence of intent to be an Arizona resident
- meet any of the following conditions:
- student is a veteran discharged with a character of service of "honorable"
- student is a veteran and is using Ch. 30/33 benefits
- student is the spouse or dependent of a veteran who was discharged from active duty service of ninety days or more and is using Ch. 30/33 benefits
- Student is receiving benefits certified under the Marine Gunnery Sergeant John David Fry Scholarship

Additional information about the Veteran petition can be found here [8].

American Indian

The American Indian petition is best suited for students that:

- Are enrolled members of an Indian tribe whose reservation land lies wholly or partially in Arizona. Eligible tribes are:
  - Ak Chin Indian Community of Maricopa
  - Cocopah Tribe of Arizona

- Colorado River Indian Tribes of the Colorado River Indian Reservation–includes Chemehuevi, Hopi, Mohave and Navajo
- Fort McDowell Yavapai Nation
- Fort Mojave Indian Tribe
- Gila River Indian Community
- Havasupai Tribe
- Hopi Tribe
- Hualapai Indian Tribe
- Kaibab Band of Paiute Indians
- Navajo Nation
- Pascua Yaqui Tribe
- Pueblo of Zuni
- Quechan Tribe
- Salt River Pima-Maricopa Indian Community
- San Carlos Apache Tribe
- San Juan Southern Paiute Tribe
- Tohono O'odham Nation
- Tonto Apache Tribe
- White Mountain Apache Tribe
- Yavapai-Apache Nation
- Yavapai-Prescott Tribe

Additional information about the American Indian petition can be found here [9].

AmeriCorps/Vista

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

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

Additional information about the AmeriCorps/VISTA petition can be found here [10].

Teacher

The Teacher waiver is best suited for students that:

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

Teacher waivers are based on enrollment and are effective only for the semester in which they are submitted. A new teacher waiver petition must be submitted for subsequent semesters. The Teacher Waiver does not change your residency classification, but does allow the student to pay in-state tuition for courses required for teacher certification in Arizona.

Additional information about the Teacher Waiver can be found here [11].

Residency guidelines

Your initial residency classification is determined when you apply for admission to the University based on residency guidelines provided by the Arizona Board of Regents (ABOR) [12]. ABOR policy 4-204 defines the process for requesting reclassification and places the burden of proof on the student. Students seeking reclassification are responsible for providing objective evidence for all factors necessary to provide a basis for this change.

Residency petition

This is your formal request for reclassification. Your petition will consist of an online questionnaire your supporting documentation. The online residency petition [13] is only available to current, active, non-resident students. New or future students do not become current or active until they are admitted to the University and enrollment begins for the student's semester of admission (see the ASU Academic Calendar [14] for enrollment dates).

When you are ready to submit your petition, here are the steps:

Step One: Start [15] and submit your online questionnaire prior to the petition deadline.
Step Two: Submit [15] your documents prior to the document deadline
Step Three: Pay [15] the $50 petition fee prior to the document deadline (if applicable)

Complete the steps in this order and Contact the Residency Office [16] if you need more information.

Deadlines

Deadlines are critical. Missing a deadline [16] means you have forfeited your right to request reclassification for that semester.

Requirements

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

Documentation

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

Burden of proof

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

Petition fee

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

Integrity

Misrepresentation or falsification of any information related to your residency classification can result in significant penalties. Students who have omitted, falsified, or misrepresented any information in effort to obtain resident status will be referred to Student Rights and Responsibilities [18] for disciplinary action. This may include dismissal from the university or forfeiting your right to request reclassification for current and future terms.

Processing time

Processing times vary and are largely dependent on when your petition and supporting docs are submitted. Average processing time is 4-6 weeks, but decisions will take longer for petitions that are submitted within one month of the petition deadline. If you need a decision prior to the first day of classes, you should submit everything (petition and all required documents) no later than the priority deadline [17].

Checking your petition status

The status of your petition can be viewed from the residency petition dashboard [15]. This is also where you submit your petition and all supporting documents.

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

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

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

Petition outcome

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

Committee review

If your residency petition is denied and you believe this decision is erroneous, you can request a committee review [20]. This is a formal request to have your petition reviewed by the Residency Review Committee. The deadline to request a review will be indicated on your denial notification. Requests made after your deadline will not be processed.

Tuition and fees

Your tuition and fees are dependent on your residency classification. Until your classification is changed, you are a non-resident for tuition purposes and having a petition pending does not absolve you from your responsibility to pay your tuition and fees in full by the published deadline [14] per university policy. If your petition is approved, overpayments will be refunded to you; however, late fees and payment plan fees (if applied) are non-refundable.

Financial aid

Financial aid is calculated based partly on cost of attendance. Changes to your residency classification may cause your financial aid to be recalculated and adjusted accordingly. In some cases, your aid may be reduced or cancelled and you may be required to return funds that have already been disbursed to you. If you have questions, contact Financial Aid and Scholarship Services [21].

Citizenship and lawful immigration status

State law requires all students who are classified as residents for tuition purposes to provide verification of citizenship, permanent residency, or other lawful immigration status. Students that cannot meet this requirement cannot be classified as residents for tuition purposes. Visit Citizenship/Status Verification [22] for more information. If required from you, you will see a priority task on your My ASU [23] page with additional instructions.

Visa types and residency for international students

Students who hold a visa that requires them to maintain a foreign domicile or that otherwise prohibits establishing domicile in Arizona cannot be classified as residents for tuition purposes. Temporary or non-immigrant visas do not allow an individual to obtain a permanent status in Arizona regardless of the length of the visa or the number of times it is renewed. Students who are classified as residents but are then issued a non-eligible visa type will be changed to non-resident. Please see visa types and residency eligibility list [24] for additional information.

Additional information

Arizona Board of Regents (ABOR) Policy Manual, Section B: Tuition Classification (4.201-205) [25]

Verification of Citizenship or Lawful Presence [25]

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

Links:
[1] https://students.asu.edu/contact/office-university-registrar
[2] http://students.asu.edu/sites/default/files/how_to_petition_sept2021.pdf
[3] https://students.asu.edu/sites/default/files/in_petition_instructions_aug_2021.pdf
[4] https://students.asu.edu/sites/default/files/de_petition_instructions_aug_2021.pdf
[5] https://students.asu.edu/sites/default/files/sp_petition_instructions_aug_2021.pdf
[6] https://students.asu.edu/sites/default/files/tr_petition_instructions_aug_2021.pdf
[7] https://students.asu.edu/sites/default/files/mi_petition_instructions_aug_2021.pdf
[8] https://students.asu.edu/sites/default/files/vt_petition_instructions_aug_2021.pdf
[9] https://students.asu.edu/sites/default/files/na_petition_instructions_aug_2021.pdf
[10] https://students.asu.edu/sites/default/files/am_petition_instructions_aug_2021.pdf
[11] https://students.asu.edu/sites/default/files/tw_petition_instructions_aug_2021.pdf
[12] http://www.azregents.edu/board-committees/policy-manual
[13] https://go.oasis.asu.edu/residencypetition/
[14] https://students.asu.edu/academic-calendar
[15] https://go.oasis.asu.edu/residencypetition/
[16] https://students.asu.edu/residency-classification-contact-us
[17] https://students.asu.edu/residency-deadlines
[18] https://eoss.asu.edu/dos/srr
[19] https://students.asu.edu/residency-deadlines
[20] https://students.asu.edu/residency-appeal
[21] https://students.asu.edu/financial-aid/contact
[22] https://students.asu.edu/verification-citizenship
[23] https://webapp4.asu.edu/myasu/student

[24] https://students.asu.edu/forms/visa-types-and-residency-eligibility
[25] https://students.asu.edu/statusverification

Residency documentation

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

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

Submitting documentation

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

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

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

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

Petition fees

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

Petition instructions

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

$50 fee required

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

No fee

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

Additional information

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

Resources

- Moving to Arizona? Arizona Department of Revenue [15]
- New to Arizona? Arizona Motor Vehicle Division [16]
- Request a copy of an Arizona tax return from the Arizona Department of Revenue [17]
- Request a motor vehicle record from the Arizona Motor Vehicle Division [18]
- Request a tax transcript from the Internal Revenue Service [19]
- U.S. Citizenship and Immigration Services [20]
- Deferred Action for Childhood Arrivals (DACA) [21]
- Arizona Board of Regents Residency Classification [21]

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

Links:

[1] https://students.asu.edu/residency
[2] https://go.oasis.asu.edu/residencypetition/
[3] mailto:residency@asu.edu
[4] https://students.asu.edu/residency-deadlines
[5] https://students.asu.edu/files/how_to_upload_your_petition_documents_apr2020.pdf
[6] https://students.asu.edu/sites/default/files/in_petition_instructions_aug_2021.pdf
[7] https://students.asu.edu/sites/default/files/de_petition_instructions_aug_2021.pdf
[8] https://students.asu.edu/sites/default/files/sp_petition_instructions_aug_2021.pdf
[9] https://students.asu.edu/sites/default/files/tr_petition_instructions_aug_2021.pdf
[10] https://students.asu.edu/sites/default/files/mi_petition_instructions_aug_2021.pdf
[11] https://students.asu.edu/sites/default/files/vt_petition_instructions_aug_2021.pdf
[12] https://students.asu.edu/sites/default/files/na_petition_instructions_aug_2021.pdf
[13] https://students.asu.edu/sites/default/files/tw_petition_instructions_aug_2021.pdf
[14] https://students.asu.edu/sites/default/files/tw_petition_instructions_aug_2021.pdf
[15] https://azdor.gov/individual-income-tax-information/moving-arizona
[16] http://www.azdot.gov/mvd/driver-services/NewtoAZ
[17] https://azdor.gov/forms/other-forms/request-copies-tax-documents
[18] http://www.azdot.gov/mvd/driver-services/driver-license-information/motor-vehicle-records
[19] http://www.irs.gov/Individuals/Get-Transcript
[20] http://www.uscis.gov/
[21] http://www.dhs.gov/deferred-action-childhood-arrivals

Residency deadlines

Deadlines

Deadlines are critical and missing a deadline can have significant consequences.

- **Petition deadline**. Per ABOR policy, failure to submit a petition by this deadline constitutes a waiver of your right to petition for that term. This deadline specifically applies to the online questionnaire portion of your petition.
- **Document deadline.** Your supporting documentation (and petition fee, if applicable) must be submitted by this date. Petitions that are not supported by all requested documentation will be withdrawn from consideration.
- **Priority deadline.** If an early decision is important to you, make sure you submit your petition is in its entirelty prior to this date (but only if you are also meeting all requirements prior to this date see below for more information).

Deadline	Summer 2022	Fall 2021	Spring 2022	What it Means - Why It's Important
Petition Deadline[1]	5/17/2022	8/24/2022	1/15/2023	- The questionnaire portion of your petition must be submitted before this deadline. - This date is used for determining domicile year. Requirements for any given petition type must be met by the date.
Document Deadline	6/6/2022	9/8/2022	1/30/2023	- This is the last day to submit supporting documentation for your petition. - Petitions that are lacking supporting documentation will be withdrawn.

Priority Deadline	4/1/2022	6/1/2022	11/1/2022	• Petitions completed prior to the priority deadline will be evaluated before the first day of classes. • Meeting this deadline means your petition will be reviewed before tuition is due.

[1] If the questionnaire portion of your petition is not completed and submitted before the petition deadline, you have forfeited your opportunity to request reclassification for that semester. Extensions are not granted and there is no option to appeal a missed deadline.

[2] The petition for spring 2023 will be available after September 9, 2022.

When to submit your petition

Submit your petition - which includes the online questionnaire and all requested supporting documentation - as early as possible, but not prior to when you are meeting all stated requirements for your petition type. For example, if you are petitioning as an independent student and won't meet the continuous physical presence requirement until August 1, then don't submit your petition until after August 1. Submitting your petition before you meet requirements may result in either your petition being denied or a request to provide additional documentation, which will further delay the process of reviewing your request.

Processing time

Processing times vary and are largely dependent on when your petition and supporting docs are submitted. Average processing time is 4-6 weeks, but decisions will take longer for petitions that are submitted within one month of the petition deadline. If you need a decision prior to the first day of classes, you should submit everything (petition and all required documents) no later than the priority deadline [1].

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

Links:
[1] https://students.asu.edu/residency-deadlines

Residency petition committee review

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

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

Deadlines

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

Submit your review request

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

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

New documentation

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

Scheduling

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

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

Review hearing

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

Attendance

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

Counsel or representation

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

Review committee decision

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

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

Per ABOR policy, if your decision is upheld by the review committee (i.e. denied), there are no further procedures within the university available to you, but you may have the right to seek judicial review in the state courts. See ABOR 4-205 [3] for additional information.

Other considerations

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

Source URL: https://students.asu.edu/residency-petition-committee-review

Links:
[1] https://go.oasis.asu.edu/residencypetition/
[2] https://students.asu.edu/academic-calendar
[3] https://www.azregents.edu/board-committees/policy-manual
[4] https://students.asu.edu/forms/residency-appeal-form
[5] https://students.asu.edu/taxonomy/term/244

Residency classification - contact us

Email

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

Email us [1]

Appointments

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

Book Now [3]

Phone

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

480-965-7712

Petition and documents

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

Residency Petition Dashboard [4]

FAQs

Your questions may be answered on our requirements [5] page or in our frequently answered questions.
FAQs [6]

Future Sun Devils

We want to help everyone, but if you were admitted for a future semester please consider contacting us after September 8, 2022 so we can give you the time and attention you deserve. Be sure to read up on the requirements first.
Future Sun Devil [5]

Frequently asked questions - declaring Arizona residency

I indicated that I was an Arizona resident on my admissions application, yet I am classified as a non-resident and was charged the non-resident application fee? How can I fix this?

Your residency classification is determined by a review of all of the information provided on your admissions application in accordance with guidelines provided by the Arizona Board of Regents. Your status as a non-resident is a result of one or more factors used to determine this classification. Please review the Residency Classification [1] web page and contact a residency specialist [2] if you have any questions.

I am currently attending a community college in Arizona as a resident; does that make me a resident at ASU?

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

I am a continuing student; will my residency automatically change after one year?

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

I was born and raised in Arizona then left for a short period of time before returning, can I still be classified as an Arizona resident for tuition purposes?

Leaving Arizona will not result in a loss of Arizona residency unless your absence is accompanied by actions that indicate intent to establish a new domicile elsewhere. Former residents of Arizona who established domicile elsewhere would be classified as non-residents upon return and would not be eligible for residency until current ABOR policies are met. Residency classification is re-visited after any break in enrollment or absence from the university.

How long does it take to review my petition and where can I track its progress?

Average processing time is 4-6 weeks. Petitions submitted closer to the deadline may take longer. If you need a decision prior to the first day of classes, you should submit everything (petition and all required documents) no later than the priority deadline [3].

You can monitor the status of your petition from the residency reclassification application portal [4].

When a decision is made, an email will be sent to your @ASU email address.

My parent is an ASU alumnus; does it have any effect on my residency classification?

No. Your residency classification is evaluated against current ABOR policy and your parent's status as an alumnus is not a consideration.

Does living in Arizona with a relative other than my parents have any effect on residency status?

No. Your status will be determined based on a review of your situation, but living with family members or friends is not an indicator of intent or domicile and will not influence your status.

I am a dual resident of Arizona; can I be considered a resident for tuition purposes?

No. Any person wishing to be classified as a resident would need to provide objective evidence of intent to be a permanent resident of Arizona and demonstrate that all ties to the former state have been severed.

My parents live out-of-state but I attend an Arizona high school; will I be considered a resident if I graduate from an Arizona high school?

No, you would be classified as a non-resident. Per ABOR guidelines, "The domicile of an unemancipated person is that of either parent." You may, however, qualify for the Non-Resident Tuition Rate for Arizona High School Graduates [5], which is 150% of in-state tuition.

I attended an Arizona institution using the WUE (Western University Exchange) or WICHE (Western Interstate Commission for Higher Education) program; will I be considered a resident?

The WUE/WICHE program allows residents of a participating state to pay a special, reduced tuition rate at participating institutions in other states. However, the student must maintain residency in the originating state. In other words, by participating as a WUE/WICHE student you are affirming that you are not an Arizona resident. ABOR requirements for physical presence and intent to be an Arizona resident cannot be satisfied as a WUE/WICHE student. Refer to the ASU WUE page for more information.

Are there any hardship exceptions?

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

I own property in Arizona; doesn't that make me a resident?

Owning property in Arizona does not automatically qualify you as a resident for tuition purposes. Property ownership is one factor to be considered, but would not be sufficient without other objective evidence of domicile and intent.

If I marry an Arizona resident, can I be classified as a resident?

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

I am a research assistant, teaching assistant or graduate assistant and have been paying resident tuition. Am I a resident?

No. These positions are funded by waivers submitted by your college or department that pays the out-of-state portion of your tuition and fees; but, your status for residency purposes remains non-resident. To request reclassification, you would need to submit residency petition and appropriate supporting documentation.

I'm an ASU employee who is classified as a nonresident for tuition purposes, but am otherwise eligible for the Qualified Tuition Reduction Program. How should I proceed?

Please submit your Qualified Tuition Reduction Form (QTR) [6] to the Student Accounts Office. Once submitted, that office will notify the Residency Office who will adjust your residency status for the term in question.

Verification of citizenship or lawful immigration status

Arizona state law requires students to provide verification of citizenship, permanent residency or other lawful immigration status if they are classified as residents for tuition purposes or if they are seeking any type of financial assistance that is subsidized or paid in whole or in part with state monies. Students that need to complete this requirement are notified on My ASU [1] via a **Priority Task** or **Registration Hold**.

Verification process

Option 1: Free Application for Federal Student Aid (FAFSA) [2]

Verifying via the FAFSA is preferred. Students verified this way do not need to provide any additional documentation. Your priority task will be marked complete when ASU **receives and accepts** your FAFSA (which is typically five to seven days after your FAFSA is submitted to the US Department of Education). You may need to provide additional information if your FAFSA is rejected or selected for review by Financial Aid and Scholarship Services.

Option 2: Submit documents electronically [3]

Students can upload appropriate documents electronically using ASU's secure web form. A list of acceptable documents is provided on the web form. All documentation is subject to review and students may be asked to provide additional information. Processing time is 2-3 business days.

Option 3: Submit documents by email [3]

Students can submit documents by mail (see below) or by email to registrar@asu.edu [4]. Copies of your documentation is acceptable provided they are legible and unaltered. All documentation is subject to review and students may be asked to provide additional information. Processing time is 2-3 business days.

> **Mail to:**
> Arizona State University
> University Registrar Services
> P.O. Box 870312
> Tempe, AZ 85287-0312

Documentation submitted by mail or by email must include a signed copy of the Citizenship Verification Form [5].

Completing this requirement is the student's responsibility. Students that do not provide verification will be charged non-resident tuition and will not be eligible for state-funded financial aid. If you have questions or concerns, please contact University Registrar Services at registrar@asu.edu [6] or 480-965-3124.

Acceptable documents for verifying citizenship or other lawful immigration status

Documents most frequently submitted by U.S. citizens:

- Arizona Driver's License
- U.S. Birth Certificate (with photo ID)
- Signed U.S. Passport
- Non-Arizona Driver's License (licenses and permits from the following states are NOT permissible: California, Colorado, Connecticut, Delaware, Hawaii, Illinois, Maryland, Nevada, New Jersey, New Mexico, New York, Oregon, Utah, Vermont, Washington and the District of Columbia).
- Bureau of Indian Affairs ID Card, Tribal ID Card, or Certificate of Indian Blood (with photo ID)
- Signed U.S. Social Security Card (with photo ID)
- Signed Certificate of U.S. Citizenship or Signed Certificate of Naturalization (with photo ID)
- U.S. Military ID or DD-214 documentation (with photo ID)
- U.S. Armed Forces Driver's License
- Voter's Registration Card (with photo ID)
- Military dependent's ID card
- Consular Report of Birth Abroad (Form FS-240) Issued by State Department

Documents most frequently submitted by non-U.S. citizens:

- Signed unexpired Foreign Passport and valid U.S. Visa
- Permanent Resident Card
- F1 Visa and I-20 (signed)
- J1 Visa and DS-2019 (signed)
- Refugee Travel Document (Form I-571) issued since 2003
- Form I-94 arrival/departure record with endorsement (expiration date must not have passed); stamp showing admission under section 207 (refugees) or section 208 (asylee) of the Immigration Nationality Act

If you are unable to provide verification or if you have questions, please contact University Registrar Services at registrar@asu.edu [7]

Source URL: https://students.asu.edu/verification-citizenship

Links:
[1] https://my.asu.edu/
[2] https://students.asu.edu/financialaid/apply
[3] https://students.asu.edu/forms/citizenshipstatus-verification-form
[4] mailto:registrar@asu.edu?subject=Verification%20of%20Citizenship%2FLawful%20Presence%20
[5] https://students.asu.edu/sites/default/files/cv_form_02232021.pdf
[6] mailto:registrar@asu.edu?subject=Citizenship%Verification%Question
[7] mailto:registra@asu.edu

Tuition and fees

Understanding tuition and fees

Definitions of ASU tuition costs and fees

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

What are the tuition and fees at ASU?

ASU tuition costs vary on a number of things, the biggest being whether you are a resident or nonresident of Arizona. ASU in-state tuition costs less than ASU out-of-state tuition (roughly $10,700 per year vs. $28,000 per year for a bachelor's degree).

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

Types of ASU tuition

Resident tuition

Students who have established that they are Arizona residents for tuition purposes typically attend college at a lower rate than out of state students. Students are asked to prove their residency status by meeting certain criteria [1].

Nonresident tuition

Students who are not residents of Arizona will pay an out of state tuition rate. Some non-resident students may be eligible for reduced tuition through programs such as the Western Undergraduate Exchange [2].

International tuition

As an international student, you'll pay ASU for tuition and fees. Housing and meals, books and supplies, transportation, and personal expenses will vary.

Learn more about tuition as an international student [3].

Online tuition

ASU Online tuition costs range between $561–$1,343 per credit hour, depending on your program, transfer credits and course load.

Learn more about ASU Online tuition [4].

Common ASU fees

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

Student initiated fees

Student initiated fees are fees that are used to enrich the student experience. At ASU they include:
- **Recreation fee ($25)** to support programs and services at the Sun Devil Fitness Complex.
- **Student Service Facility fee ($75)** to build and refurbish common student spaces.
- **Student Programs fee ($35)** for programs that support the student experience.

- **Health and Wellness fee ($55)** for health and counseling services.
- **Student Athletic fee ($75)** to support Sun Devil Athletics (and get free tickets in return).

See a complete list of fees [5]

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

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

More questions about tuition, fees and costs?

Frequently asked questions [7]

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

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

ASU tuition and fee descriptions

What are ASU tuition and fee descriptions?

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

Differential tuition and program tuition

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

Excess hours tuition

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

See exemptions [2]

Undergraduate college fee 1-4

The Undergraduate College Fee is one of four fee categories based on a student's program of study. ASU conducted a comprehensive review of all instructional costs for every program. Programs of study with similar costs were grouped together, and those fees were averaged to determine an amount for each category. *Visit the Tuition Estimator [3] to determine your Undergraduate College Fee.

Undergraduate college fee 1

Mary Lou Fulton Teachers College
College of Integrative Sciences and Arts: Humanities and Social Sciences
New College of Interdisciplinary Arts and Sciences: Humanities and Social Sciences

Undergraduate college fee 2

College of Integrative Sciences and Arts: Sciences
New College of Interdisciplinary Arts and Sciences: Sciences
School for the Future of Innovation in Society
School of Sustainability
The College of Liberal Arts and Sciences: Humanities and Social Sciences
Watts College of Public Service and Community Solutions

Undergraduate college fee 3

College of Health Solutions
College of Nursing and Health Innovation**

Undergraduate college fee 4

Ira A. Fulton Schools of Engineering
The College of Liberal Arts and Sciences: Sciences
Herberger Institute for Design and the Arts
Thunderbird School of Global Management
Walter Cronkite School of Journalism and Mass Communication
W.P. Carey School of Business

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

Technology fee

The Technology Fee, assessed to online students, funds technology initiatives including implementation of ASU's wireless network, delivering University-licensed software to all students, increasing the number of technology-enabled classrooms, reducing dependence on computing labs and expanding and improving online self-service environment. For more information, click here [4].

Graduate student support fee

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

Special class, hybrid, oCourse, iCourse fees

Special Class, Hybrid, oCourse and iCourse fees are assessed based on enrollment in specific classes. These fees are published with each class through Class Search [5].

Late registration fee

All students who register beginning the week before the first day of the semester will be assessed a late registration fee of $50.00, with the exception of students enrolling only in late start sessions. Students enrolling exclusively in late start sessions, will be assessed the late registration fee beginning one week before the session start date. Please see Tuition Deadlines [6] for specific dates. Registration after the published deadline may be permitted under extraordinary circumstances if approved by an authorized College designee. Late fees are not refundable.

Student initiated fee

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

Recreation fee

The Recreation Fee of $25.00 per semester supports programs and services at the Sun Devil Fitness Complexes. Additionally, these funds are used to provide support for programs/services like intramural sports and activities, a broad array of fitness classes, aquatics programs, instructional classes, and health education workshops, events and programs. It also supplements student employment opportunities for over 500 on-campus student positions. There is an advisory board that provides routine feedback on services, hours and programs to support guidance for overall student well-being. Students interested in serving on a Sun Devil Fitness Advisory Board are encouraged to apply [7].

Student service facility fee

Students pay $75.00 per semester to a combined fund which is then utilized to build and refurbish student spaces such as Memorial Union, Sun Devil Fitness Complexes, etc. The Student Service Facility Fee allows for the enhancements of existing facilities and the planning and development of new student service facilities to meet the needs of a growing student population. For a list of facilities built and supported by the fee click here [4]. Students interested in serving on the Facility Fee University Board to participate in discussions on these building projects are encouraged to apply [7].

Student programs fee

The Student Programs Fee provides funding for student programming initiatives. Undergraduate students pay $35.00 per semester and Graduate students pay $35.00. Managed by the student government at each location, this fee is used to create programming that supports the student experience, student needs and interests. Recipients of the programs fee funding include: Programming and Activities Board (PAB) [8], Clubs and Organizations [9], Sports Clubs [10], Council of Coalitions [11], and the Childcare Subsidy [12]. In addition to these, each USG and GPSA also uses this fee to help support professional development, travel funding to support research and attend conferences, and large-scale student programs and activities- to apply for these funding opportunities visit your student government website [13]. For detailed information about each student government's budget please visit this website [14]. To provide feedback or ask questions about the fiscal budget please reach out to your respective Student Government President [15]

Health and wellness fee

Students pay $55.00 per semester to the Health and Wellness Fee supplement the operation of ASU Health and Counseling Services. Funding supports a portion of the operating budget for medical and psychological services and health education and promotion. The Health Services Advisory Board provides routine feedback to the Director of Health Services on services provided, quality and efficiency of care, new innovations, and student needs. Students interested in serving on the Health Services Advisory Board are encouraged to apply [7]

Student athletic fee

Students pay $75.00 per semester for the Student Athletic Fee which supplements and supports the operations of Sun Devil Athletics, in exchange for a reinvestment of university funds into student identified priorities. Through the establishment of this fee, the tuition dollars traditionally allocated to Sun Devil Athletics will be reinvested into the university system in order to grant additional resources and services as identified by the Associated Students of Arizona State University, thereby establishing students as effective stakeholders in both Sun Devil Athletics and the university

system, and furthering transparency between the university and the Associated Students of Arizona State University [16] over tuition dollars. These priorities were established by the Athletic Fee Operations Board and over the years have included salary increases for Research and Teaching Assistants to a minimum standard, expanding transportation services to include weekends and holidays, free attendance to all ASU football games, and free graduate test prep programs [17]. Students interested in serving on the Athletic Fee Operations Board are encouraged to apply [7]

Financial aid trust fee***

The Financial Aid Trust Fee [18] assessed to all students as authorized by the Arizona Legislature. ***This is a fee that all ABOR students pay, including online students.

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

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

Links:
[1] http://www.asu.edu/admissions/tuitionandfees/
[2] https://tuition.asu.edu/tuition-surcharge
[3] https://students.asu.edu/tuition
[4] https://tuition.asu.edu/cost-calculator/tuition-fees/fee-descriptions
[5] https://www.asu.edu/go/classsearch/
[6] https://tuition.asu.edu/billing-finances/deadlines
[7] https://eoss.asu.edu/studentgov/get-involved/boards-committees
[8] https://eoss.asu.edu/pab
[9] https://eoss.asu.edu/clubs/
[10] https://fitness.asu.edu/programs/sportclubs
[11] https://eoss.asu.edu/student-and-cultural-engagement/get-involved
[12] https://eoss.asu.edu/students-families/oncampus/sun-devil-child-care-subsidy
[13] https://eoss.asu.edu/studentgov/about
[14] https://docs.google.com/document/d/1eyL8E7cgBh-6szhD5XxhR1E_LXPkQE3RxP5cLZNKvgs/edit
[15] https://eoss.asu.edu/studentgov/about/contact-us
[16] https://eoss.asu.edu/studentgov
[17] https://career.asu.edu/grad-school-and-test-prep
[18] https://public.azregents.edu/Policy Manual/4-322 State Supported Financial Aid Programs.pdf

Undergraduate excess hours tuition

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

The Undergraduate Excess Hours Tuition Surcharge is billed in addition to tuition, program tuition, mandatory fees and class fees.

Exemptions

The excess hours tuition surcharge must be assessed in accordance with Arizona State Statutes and is not subject to appeal. The Arizona Legislature, however, provided for certain exemptions to the credit hour threshold and surcharge:

1. Undergraduate degree programs that require credit hours above the credit hour threshold.
2. Credits earned in pursuit of up to two baccalaureate degrees: The excess hours tuition surcharge is not assessed if (a) student has previously earned a baccalaureate degree and is currently admitted to one undergraduate degree program or (b) has not previously earned a baccalaureate degree and is admitted to two or more undergraduate degree programs simultaneously. This exemption does not apply to students who have previously earned two or more baccalaureate degrees or students who have earned one baccalaureate degree and are currently admitted to two or more undergraduate degree programs.
3. Credits earned in the pursuit of up to two state regulated licensures or certificates: Student is not required to be enrolled in both programs simultaneously. Examples include accounting, nursing, social work, and certain engineering degrees.
4. Credits earned in the pursuit of a teaching certification.
5. Credits transferred from a private institution of higher learning.
6. Credits transferred from an institution of higher education in another state.
7. Credits earned at another institution of higher education but that are not accepted as transfer credits at ASU.
8. Credits earned by students who enroll at a university under the jurisdiction of the board more than twenty-four months after the end of that student's previous enrollment at a public institution of higher education in this state.

Tuition waivers and scholarships

Employee waivers and tuition scholarships do not apply to the Undergraduate Excess Hours Tuition Surcharge.

Academic year 2022–2023 rates

For resident students the surcharge is $157 per credit hour up to a maximum of $1,099 for enrollment in 7 or more hours. For nonresident students the surcharge is $250 per credit hour up to a maximum of $3,000 for enrollment in 12 or more credit hours. For online students, the excess hours tuition rate is $110 per credit hour up to a maximum of $1,320 for enrollment in 12 or more credit hours.

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

Non-resident tuition rate for Arizona high school graduates

The Arizona Board of Regents' "Non-Resident Tuition Rate for Arizona High School Graduates" is a non-resident undergraduate tuition rate that is 150% of in-state tuition for Arizona high school graduates who don't otherwise qualify for in-state tuition.

Arizona Board of Regents (ABOR) policy

A. A student who graduated from an Arizona high school, but is not otherwise eligible for resident tuition status will be eligible for a non-resident undergraduate tuition rate of 150% of undergraduate resident tuition, if the student has attended high school in Arizona for a minimum of three years while physically present in Arizona and graduated from an Arizona high school (or attained the equivalent while physically present in Arizona for a minimum of three years).
B. The non-resident rate for Arizona high school graduates would apply to tuition for undergraduate students. This rate does not apply to differential tuition, or tuition for on-line, accelerated or distributed programs.
C. "High School" is defined as grades 9-12. Completion of the 9th grade while physically present in Arizona, whether at an Arizona middle school or high school or equivalent, will count toward the Arizona high school attendance requirement. The three years of Arizona high school attendance do not need to be consecutive.

D. A student who meets the requirements of this policy will be eligible for the non-resident undergraduate rate regardless of when the student graduated from an Arizona high school.
E. The policy is effective beginning with the fall 2015 semester.

ASU procedure for applying

Submit final Arizona high school transcript showing at least 3 years of attendance **with graduation date** to Admission Services [1].

After you have submitted this information your record will automatically be reviewed to determine if you are eligible for the Non-Resident Tuition Rate for Arizona High School Graduates.

You will be notified by email if you qualify or if we need further documentation.

If you have not received confirmation that you are eligible for this tuition rate, or if you completed the equivalent of a high school degree while physically present in Arizona for a minimum of three years, please complete and submit the Non-Resident Tuition Rate for Arizona High School Graduates Application [2] with supporting documentation.

Residency classification and financial aid

- Eligible students remain classified as non-residents. Visit Residency [3] for information about requesting reclassification.
- Changes to your tuition can affect financial aid awards. Contact Financial Aid [4] for questions about your aid.

Source URL: https://students.asu.edu/non-resident-tuition

Links:
[1] https://students.asu.edu/admission-transcripts
[2]
https://students.asu.edu/sites/default/files/application_for_nr_tuition_rate_for_arizona_high_school_graduates_jan_28_20
22.pdf
[3] https://students.asu.edu/residency
[4] https://students.asu.edu/financialaid

Employee tuition reduction

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

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

Eligibility

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

Institutional merit-based aid provided by the University [2] will not exceed the value of stated resident tuition for each respective academic year when combined with the Qualified Tuition Reduction (QTR, a benefit for faculty and staff) or

other tuition reduction programs (or waivers). Students offered multiple awards designated for base tuition, cannot receive more than 100% of base tuition. For questions regarding how your qualified tuition reduction benefit may impact your other financial aid awards, please contact Financial Aid [3].

Qualified tuition reduction form(s)

ASU employees must complete and submit the Qualified Tuition Reduction Form **each** semester to receive the reduced in-state tuition benefit for classes taken at ASU, University of Arizona and Northern Arizona University.

Forms can be signed and submitted electronically utilizing Adobe Sign. Forms can be obtained online [4] and will be routed accordingly to Student Business Services for review and processing upon electronic signature by the employee. Please allow 3-5 business days before your qualified tuition reduction benefit will be reflected on your ASU student account. Forms should be submitted prior to the first day of classes and early to ensure timely processing.

The outstanding balance of the ASU tuition will remain on your student account and should be paid by the tuition payment deadline to avoid late fees.

NAU and U of A classes; ASU retirees

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

Affiliate organizations

Employees of ASU affiliate organizations are also eligible for the qualified tuition reduction benefit upon verification of their employment with the affiliate organization. A different form is necessary for employees of ASU affiliates. Upon submission of the form, ASU Student Business Services will verify employment with the applicable affiliate contact and, when confirmed, will apply the tuition reduction benefit. Due to the additional verification involved, please allow 7-10 business days for your benefit to be reflected on your ASU student account.

All forms are available on the CFO website [4] along with additional information about the qualified tuition reduction benefit. For questions or for employees preferring to manually sign their qualified tuition reduction form, please contact Student Business Services at tuitionreduction@asu.edu [5].

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

Links:
[1] http://www.asu.edu/aad/manuals/spp/spp505.html
[2] https://students.asu.edu/scholarships/renewal
[3] https://students.asu.edu/contact/financialaid
[4] https://cfo.asu.edu/reduced-tuition
[5] mailto:tuitionreduction@asu.edu

ASU payment options

Paying your bill

Students and parents have a variety of options for easily paying their tuition and charges. Our team is here to help you figure out which option is right for you so that you can stay on track and keep your account current.

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

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

How can I make payments?

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

Pay online

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

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

eChecks (electronic check payment)

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

Credit and debit cards

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

International payments - Flywire

International students can make payments safely and securely through Flywire. With Flywire, you can make payments from banks worldwide with favorable exchange rates, typically in your home currency. You also have 24-hour multilingual customer support via email, live chat or phone to assist you with payment-related questions. See additional information about Flywire [4].

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

In person

Personal checks, cashier's checks, money orders and cash payments are accepted in person at Cashiering Services locations on all four campuses [5].

By mail-in check or prepaid college savings plan

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

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

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

Federal Perkins Loan repayment

ASU is your lender, and you'll repay ASU once your Perkins Loan moves to repayment status (typically nine months after graduation, withdrawal from school or dropping below half-time enrollment). Monthly payments depend on your loan amount and length of your repayment period. Payments can be made online. For complete details on repaying your Federal Perkins Loan, visit tuition.asu.edu/perkins-loan-repayment [6].

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

If you miss paying your charges by the deadline, you'll be assessed late fees beginning at 30 days past due.

See the late fees that you may be assessed [7].

Other things to know

Using your financial aid to pay your charges
Learn more [8]

Pay for college with third-party sponsorships
Learn more [9]

Payment plan
Learn more [10]

ASU tuition refund policy
Learn more [11]

Incoming on-campus students

Incoming on-campus first-year and transfer students
Connect with your admission team member [12].

Incoming graduate students
Connect with your admission team member [13].

Incoming military/veteran students
Connect with your Pat Tillman Veterans Center team member [14].

Incoming International students
Connect with your admission team member [15].

Incoming ASU Online students

Call us at 1-855-278-5080

or visit the My ASU Help [3] tab to email a specific question.

Current students

Call us

1-855-278-5080

Email us

Visit the My ASU [3] Help tab to email a specific question.

Chat with us

Launch a chat session [16]

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

Links:
[1] https://www.loom.com/share/4241e18164944ee58dde890eec1ab97b
[2] https://www.loom.com/share/cd649a92853c4f5abc380e4356f2bf0a
[3] https://my.asu.edu/
[4] https://tuition.asu.edu/flywire
[5] https://tuition.asu.edu/contact-resources
[6] https://dev-tuition-asu.ws.asu.edu/perkins-loan-repayment
[7] https://tuition.asu.edu/billing-finances/pay-options/late-fees-checks
[8] https://tuition.asu.edu/financial-aid/disbursement
[9] https://tuition.asu.edu/billing-finances/pay-options/sponsorships
[10] https://tuition.asu.edu/billing-finances/payment-plan
[11] https://tuition.asu.edu/billing-finances/tuition-refund
[12] https://admission.asu.edu/contact/undergraduate
[13] https://admission.asu.edu/contact/graduate
[14] https://veterans.asu.edu/about-staff
[15] https://admission.asu.edu/contact
[16] https://webapp4.asu.edu/myasu/student/servicecenter

ASU payment plan

What is the ASU payment plan?

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

How does the ASU payment plan work?

The ASU payment plan offers you the option to budget your payment of certain university charges over several months within the semester. Eligible charges include tuition, housing, meal plans, parking permits and health insurance. See chart below that outlines specific ASU payment plan enrollment fee amounts and due dates [1].

Get enrolled

Voluntary enrollment

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

Automatic enrollment

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

ASU payment plan due dates

Fall

ASU payment plan due dates

- August 25
- September 25
- October 25

ASU payment plan enrollment

- $100 Resident Students
- $200 Nonresident Students

Spring

ASU payment plan due dates

- January 25
- February 25
- March 25

ASU payment plan enrollment

- $100 Resident Students
- $200 Nonresident Students

Summer

ASU payment plan due dates

- May 25
- June 25
- July 25

ASU payment plan enrollment

- $50 Resident Students
- $200 Nonresident Students

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

Who is the payment plan for?

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

Payment plan FAQs

How do I avoid enrollment in the ASU payment plan?

Make sure your balance is paid in full by the tuition due date, or is at least under $500 to avoid automatic enrollment in the ASU Payment Plan. Note that if you owe a balance of under $500, you will still be subject to a late fee. Review the ASU Late Charge Policy [2] for more information.

Do I need to re-enroll in the payment plan every session?

Yes. Because your financial circumstances can change from semester to semester, you have the option to enroll each semester.

If I enroll in the ASU payment plan before the semester begins and ends up not having a $500 balance, am I still enrolled in the plan?

Yes. If you voluntarily enroll and charges are paid before the initial designated payment deadline, you will still be assessed the nonrefundable enrollment plan fee.

Can I pay ASU in payments?

Yes. You can enroll in a payment plan each semester, for an additional fee.

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

Links:
[1] https://tuition.asu.edu/billing-finances/payment-plan#webspark-anchor-link--19
[2] https://tuition.asu.edu/billing-finances/pay-options/late-fees-checks

ASU tuition refund policy

Things to know about the ASU tuition refund policy

When you register for classes, you're obligated to pay all the tuition and registration fees. If you drop a class or officially cancel your enrollment during the 100 percent refund period, you'll get all your money back. If you're looking for information about a financial aid refund (financial aid funds left over after your tuition and charges are paid), visit the aid disbursement page [1].

Nonrefundable charges

After the 100 percent refund period passes, tuition and fee payments become nonrefundable.

Amount of refund

If you owe any university charges, they will be deducted from your refund and be subject to payment holding periods.

Withdrawal/cancellation date

Withdrawal or cancellation officially occurs on the calendar date that you request it, whether in person or online.

Refund by semester

Please note that if you cancel your enrollment after the refund period, you will be required to pay the tuition and fees charges.

Fall and Spring

For regular semester classes (session C) and sessions that are eight weeks or longer, the 100 percent refund period extends through the first two weeks of the semester.

For sessions that are shorter than eight weeks (sessions A and B) and dynamically dated classes, the 100 percent refund period is one week after the semester begins.

For classes that begin prior to the first day of the regular semester, the applicable 100 percent refund period begins on the class start date, not the semester start date.

Summer

For the summer session classes (sessions A, B and C, and dynamically dated classes), the 100 percent refund period is the first five days of the applicable summer session.

For classes that begin prior to the first day of the regular semester, the applicable 100 percent refund period begins on the class start date, not the semester start date.

Medical or compassionate withdrawal

The tuition refund policy does not apply to medical and compassionate withdrawals. Partial tuition adjustments or nonrefundable credits may be granted in these cases. Each request will be determined by individual circumstances on a case-by-case basis, and is an option only if approved within two years of the end of the semester. For specific semester or session deadlines, please refer to Tuition Dates and Deadlines [2].

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

Links:
[1] https://tuition.asu.edu/financial-aid/disbursement

Financial aid refund policy for students using chapter 31 and chapter 33 VA benefits

Students electing to use VA educational benefits at ASU under Veteran Readiness and Employment (Chapter 31) or the Post-9/11 GI Bill® (Chapter 33) must first establish their benefits eligibility, then verify their intent each semester. In accordance with 38 U.S.C 3679 (e), students who successfully establish their eligibility and elect to use benefits in any given semester are automatically given a tuition deferment that will prevent any late fees or penalties from being incurred during that semester. The deferred tuition due dates are as follows:

Fall Semesters – December 25
Spring Semesters – May 25
Summer Semesters – September 25

Additionally, Chapter 31 and Chapter 33 students who have accepted financial aid may elect to receive a credit for the anticipated amount of their VA benefit towards tuition. This credit will allow any excess financial aid to disburse in advance of the VA's actual payment to the school. Students should understand that ASU's "anticipated VA payment" is an estimate, and that settling their student account balances can only take place once all VA payments for the semester are received. It will be the student's responsibility to return any money that had been refunded in excess. For more information on the steps required, please contact the Pat Tillman Veterans Center at 480-965-7723 or PTVC@asu.edu [1]. For questions about your individual student account, please contact Student Business Services at 855-278-5080 or SBS@asu.edu [2].

Source URL: https://students.asu.edu/veterans-affairs-funds

Links:
[1] mailto:PTVC@asu.edu
[2] mailto:SBS@asu.edu

Military/veteran tuition assistance return policy

ASU recognizes that active duty members may not always be able to complete their classes, due to unforeseen military commitments. Department of Defense (DoD) policy requires a return of TA funds, when a class is withdrawn, prior to completing at least 60% of the course. Returns of tuition assistance are prorated based on the percentage of completed class time, as noted in the schedules below. Students will be responsible for reimbursing ASU for the amount of TA that ASU refunds to the DoD.

For additional questions, please contact sponsorbilling@asu.edu [1] or call 855-278-5080 and ask to be connected to a Sponsored Billing Specialist.

Fall/Spring Session A and B		
	% Completed	% Refunded to DOD
Week 1	0%-15%	100%
Week 2	30%	80%
Week 3	45%	65%
Week 4	55%	45%

Week 5 - 7	60% and above	0%

Fall/Spring Session C

	% Completed	% Refunded to DOD
Week 1-2	0%-15%	100%
Week 3	20%	85%
Week 4	30%	80%
Week 5	35%	70%
Week 6	45%	65%
Week 7	50%	50%
Week 8	55%	45%
Week 9-14	60% and above	0%

Summer Session A and B

	% Completed	% Refunded to DOD
Week 1	0%-15%	100%
Week 2	30%	80%
Week 3	50%	50%
Week 4-6	60% and above	0%

Summer Session C

	% Completed	% Refunded to DOD
Week 1	0%-15%	100%
Week 2	25%	90%
Week 3	40%	75%
Week 4	50%	50%
Week 5-8	60% and above	0%

Source URL: https://veterans.asu.edu/tuition-assistance-return-policy

Links:
[1] mailto:sponsorbilling@asu.edu

Tuition and fees schedules

All amounts shown in the Tuition and Fees Schedules or in other University publications or web pages represent tuition and fees [1] as currently approved. However, Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents or as otherwise consistent with Board policy and to make such modifications applicable to students enrolled at ASU at that time as well as to incoming students. In addition, all tuition amounts and fees are subject to change at any time for correction of errors. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

Per semester tuition and fees – Fall 2022

General tuition and fees

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

Program specific tuition and fees

Certain Graduate and Undergraduate programs charge program specific tuition. Use the ASU Tuition and Cost of Attendance Estimator [2] to review program specific tuition and fees.

Source URL: https://catalog.asu.edu/tuitionandfees/fees_fall2022

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

General tuition & fees

Resident undergraduate degree program and nondegree-seeking
All campuses

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: Education, New College humanities and social sciences, CISA humanities and social sciences							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$765	$1,530	$2,295	$3,060	$3,825	$4,590	$5,355
Undergraduate College Fee 1	0	0	0	0	0	0	0
Student-initiated Fee (4)	159	159	159	159	159	159	319
Total Resident Undergraduate Tuition and Fees	$924	$1,689	$2,454	$3,219	$3,984	$4,749	$5,674

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

	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$765	$1,530	$2,295	$3,060	$3,825	$4,590	$5,355
Undergraduate College Fee 2	15	30	45	60	75	90	105
Student-initiated Fee [4]	159	159	159	159	159	159	319
Total Resident Undergraduate Tuition and Fees	$939	$1,719	$2,499	$3,279	$4,059	$4,839	$5,779

UNDERGRADUATE COLLEGE FEE 3 [1,2,3]
Includes: Health Solutions, and Nursing and Health Innovation [5]

	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$765	$1,530	$2,295	$3,060	$3,825	$4,590	$5,355
Undergraduate College Fee 3	55	110	165	220	275	330	385
Student-initiated Fee [4]	159	159	159	159	159	159	319
Total Resident Undergraduate Tuition and Fees	$979	$1,799	$2,619	$3,439	$4,259	$5,079	$6,059

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, Engineering [5], The College sciences, Design and the Arts, Thunderbird and Business							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$765	$1,530	$2,295	$3,060	$3,825	$4,590	$5,355
Undergraduate College Fee 4	75	150	225	300	375	450	525
Student-initiated Fee [4]	159	159	159	159	159	159	319
Total Resident Undergraduate Tuition and Fees	$999	$1,839	$2,679	$3,519	$4,359	$5,199	$6,199

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $153 per credit hour up to a maximum of $1,071 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

[3] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2021-2022 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall21undergraddegreeprogallcampusresident

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

General tuition & fees

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

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: Education, New College humanities and social sciences, CISA humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$1,248	$2,496	$3,744	$4,992	$6,240	$7,488	$8,736	$9,984	$11,232	$12,480	$13,278	$14,976
Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee (4)	160	160	160	160	160	160	320	320	320	320	320	320
Total Non-Resident Undergraduate Tuition and Fees	$1,408	$2,656	$3,904	$5,152	$6,400	$7,648	$9,056	$10,304	$11,552	$12,800	$14,048	$15,296

UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3) Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, Global Futures and University College												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$1,248	$2,496	$3,744	$4,992	$6,240	$7,488	$8,736	$9,984	$11,232	$12,480	$13,728	$14,976
Undergraduate College Fee 2	16	32	48	64	80	96	112	128	144	160	176	185
Student-initiated Fee (4)	160	160	160	160	160	160	320	320	320	320	320	320
Total Non-Resident Undergraduate Tuition and Fees	$1,424	$2,688	$3,952	$5,216	$6,480	$7,744	$9,168	$10,432	$11,696	$12,960	$14,224	$15,481

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3]
Includes: Health Solutions, and Nursing and Health Innovation [5]

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$1,248	$2,496	$3,744	$4,992	$6,240	$7,488	$8,736	$9,984	$11,232	$12,480	$13,728	$14,976
Undergraduate College Fee 3	56	112	168	224	280	336	392	448	504	560	616	675
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total Non-Resident Undergraduate Tuition and Fees	$1,464	$2,768	$4,072	$5,376	$6,680	$7,984	$9,448	$10,752	$12,056	$13,360	$14,664	$15,971

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3]
Includes: Journalism, Engineering [5], The College Sciences, Design and the Arts, Thunderbird and Business

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$1,248	$2,496	$3,744	$4,992	$6,240	$7,488	$8,736	$9,984	$11,232	$12,480	$13,728	$14,976
Undergraduate College Fee 4	77	154	231	308	385	462	539	616	693	770	847	925
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total Non-Resident Undergraduate Tuition and Fees	$1,485	$2,810	$4,135	$5,460	$6,785	$8,110	$9,595	$10,920	$12,245	$13,570	$14,895	$16,221

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $250 per credit hour up to a maximum of $3,000 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergraddegreeprogallcampusnonresident

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

General tuition & fees

International undergraduate degree program and nondegree-seeking
All campuses

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: Education, New College humanities and social sciences, CISA humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,365	$2,730	$4,095	$5,460	$6,825	$8,190	$9,555	$10,920	$12,285	$13,650	$15,015	$16,380
Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee (4)	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,525	$2,890	$4,255	$5,620	$6,985	$8,350	$9,875	$11,240	$12,605	$13,970	$15,335	$16,700

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

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,365	$2,730	$4,095	$5,460	$6,825	$8,190	$9,555	$10,920	$12,285	$13,650	$15,015	$16,380
Undergraduate College Fee 2	16	32	48	64	80	96	112	128	144	160	176	185
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,541	$2,922	$4,303	$5,684	$7,065	$8,446	$9,987	$11,368	$12,749	$14,130	$15,511	$16,885

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3]
Includes: Health Solutions, and Nursing and Health Innovation [5]

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,365	$2,730	$4,095	$5,460	$6,825	$8,190	$9,555	$10,920	$12,285	$13,650	$15,015	$16,380
Undergraduate College Fee 3	56	112	168	224	280	336	392	448	504	560	616	675
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,581	$3,002	$4,423	$5,844	$7,265	$8,686	$10,267	$11,688	$13,109	$14,530	$15,951	$17,375

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, Engineering [5], The College sciences, Design and the Arts, Thunderbird and Business												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,365	$2,730	$4,095	$5,460	$6,825	$8,190	$9,555	$10,920	$12,285	$13,650	$15,015	$16,380
Undergraduate College Fee 4	77	154	231	308	385	462	539	616	693	770	847	925
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,602	$3,044	$4,486	$5,928	$7,370	$8,812	$10,414	$11,856	$13,298	$14,740	$16,182	$17,625

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $250 per credit hour up to a maximum of $3,000 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

[3] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently proposed for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22international

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

General tuition & fees

Resident undergraduate online degree program
*Online campus

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3, 4) Includes: Nursing BSN (5) and non-degree programs																		
ENROLLED HOURS																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489
Undergraduate College Fee 1	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360
Student-initiated Fee (6)	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	54	55
Total Resident Online Undergraduate Tuition and Fees	$600	$1,172	$1,744	$2,316	$2,888	$3,460	$4,059	$4,631	$5,203	$5,744	$5,764	$5,784	$5,804	$5,824	$5,844	$5,864	$5,884	$5,904

UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3, 4) Includes: CISA humanities and social sciences, The College humanities and social sciences, Design and the Arts, and New College humanities and social sciences																		
ENROLLED HOURS																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489
Undergraduate College Fee 2	41	82	123	164	205	246	287	328	369	410	451	492	533	574	615	656	697	738
Student-initiated Fee (6)	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Resident Online Undergraduate Tuition and Fees	$621	$1,214	$1,807	$2,400	$2,993	$3,586	$4,206	$4,799	$5,392	$5,954	$5,995	$6,036	$6,077	$6,118	$6,159	$6,200	$6,241	$6,282

UNDERGRADUATE COLLEGE FEE 3 (1, 2 ,3 ,4)
Includes: CISA sciences, The College sciences, New College sciences, Education, Nursing and Health Innovation, Public Service and Community Solutions, and Global Futures

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489
Undergraduate College Fee 3	61	122	183	244	305	366	427	488	549	610	671	732	793	854	915	976	1,037	1,098
Student-initiated Fee (6)	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Resident Online Undergraduate Tuition and Fees	$641	$1,254	$1,867	$2,480	$3,093	$3,706	$4,346	$4,959	$5,572	$6,154	$6,215	$6,276	$6,337	$6,398	$6,459	$6,520	$6,581	$6,642

UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3, 4)
Includes: Health Solutions, Journalism, Engineering, Thunderbird and Business

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489	$5,489
Undergraduate College Fee 4	120	240	360	480	600	720	840	960	1,080	1,200	1,320	1,440	1,560	1,680	1,800	1,920	2,040	2,160
Student-initiated Fee (6)	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Resident Online Undergraduate Tuition and Fees	$700	$1,372	$2,044	$2,716	$3,388	$4,060	$4,759	$5,431	$6,103	$6,744	$6,864	$6,984	$7,104	$7,224	$7,344	$7,464	$7,584	$7,704

(1) Effective fall 2018, online tuition for resident students will be capped at 10 credit hours.

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

(3) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For online students, the excess hours tuition is $110 per credit hour up to a maximum of $1,320 for enrollment in 12 or more hours. Students should see Undergraduate Excess Hours [1] for additional information.

(4) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/Fall22UndergradOnlineResident

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

General tuition & fees

Non-resident undergraduate online degree program
*Online campus

UNDERGRADUATE COLLEGE FEE 1 [1, 2, 3, 4] Includes: Nursing BSN [5] and non-degree programs																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,520	$6,072	$6,624	$7,176	$7,728	$8,280	$8,832	$9,384	$9,936
Undergraduate College Fee 1	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360
Student-initiated Fee [6]	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Non-Resident Online Undergraduate Tuition and Fees	$600	$1,172	$1,744	$2,316	$2,888	$3,460	$4,059	$4,631	$5,203	$5,775	$6,347	$6,919	$7,491	$8,063	$8,635	$9,207	$9,779	$10,351

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

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,520	$6,072	$6,624	$7,176	$7,728	$8,280	$8,832	$9,384	$9,936
Undergraduate College Fee 2	41	82	123	164	205	246	287	328	369	410	4451	492	533	574	615	656	697	738
Student-initiated Fee [6]	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Non-Resident Online Undergraduate Tuition and Fees	$621	$1,214	$1,807	$2,400	$2,993	$3,586	$4,206	$4,799	$5,392	$5,985	$6,578	$7,171	$7,764	$8,357	$8,950	$9,543	$10,136	$10,729

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

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,520	$6,072	$6,624	$7,176	$7,728	$8,280	$8,832	$9,384	$9,936
Undergraduate College Fee 3	61	122	183	244	305	366	427	488	549	610	671	732	793	854	915	976	1,037	1,098
Student-initiated Fee [6]	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Non-Resident Online Undergraduate Tuition and Fees	$641	$1,254	$1,867	$2,480	$3,093	$3,706	$4,346	$4,959	$5,572	$6,185	$6,798	$7,411	$8,024	$8,637	$9,250	$9,863	$10,476	$11,089

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3, 4] Includes: Health Solutions, Journalism, Engineering, Thunderbird and Business																		
ENROLLED HOURS																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Online Undergraduate Tuition	$552	$1,104	$1,656	$2,208	$2,760	$3,312	$3,864	$4,416	$4,968	$5,520	$6,072	$6,624	$7,176	$7,728	$8,280	$8,832	$9,384	$9,936
Undergraduate College Fee 4	120	240	360	480	600	720	840	960	1,080	1,200	1,320	1,440	1,560	1,680	1,800	1,920	2,040	2,160
Student-initiated Fee [6]	28	28	28	28	28	28	55	55	55	55	55	55	55	55	55	55	55	55
Total Non-Resident Online Undergraduate Tuition and Fees	$700	$1,372	$2,044	$2,716	$3,388	$4,060	$4,759	$5,431	$6,103	$6,775	$7,447	$8,119	$8,791	$9,463	$10,135	$10,807	$11,479	$12,151

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

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

[3] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For online students, the excess hours tuition is $110 per credit hour up to a maximum of $1,320 for enrollment in 12 or more hours. Students should see Undergraduate Excess hours [1] for additional information.

[4] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/Fall22UndergradOnlineNonResident

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

General tuition & fees

Resident undergraduate degree program
ASU at Lake Havasu

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: Education, New College humanities and social sciences, CISA humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee (4)	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$451	$743	$1,035	$1,327	$1,618	$1,910	$2,246	$2,538	$2,830	$3,122	$3,384	$3,384

UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3) Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, Global Futures and University College												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 2	16	32	48	64	80	96	112	112	112	112	112	112
Student-initiated Fee (4)	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$467	$775	$1,083	$1,391	$1,698	$2,006	$2,358	$2,650	$2,942	$3,234	$3,496	$3,496

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3] Includes: Health Solutions, and Nursing and Health Innovation [5]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 3	56	112	168	224	280	336	395	395	395	395	395	395
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$507	$855	$1,203	$1,551	$1,898	$2,246	$2,641	$2,933	$3,225	$3,517	$3,779	$3,779

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, Engineering [5], The College sciences, Design and the Arts, Thunderbird and Business												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 4	77	154	231	308	385	462	540	540	540	540	540	540
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$528	$897	$1,266	$1,635	$2,003	$2,372	$2,786	$3,078	$3,370	$3,662	$3,924	$3,924

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $157 per credit hour up to a maximum of $1,099 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2022-2023. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradLHCdegreeproresident

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

General tuition & fees

Non-resident undergraduate degree program
ASU at Lake Havasu

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: Education, New College humanities and social sciences, CISA humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$615	$1,041	$1,475	$1,910	$2,345	$2,780	$3,214	$3,649	$4,084	$4,470	$4,900	$5,392
Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee (4)	46	46	46	46	46	46	90	90	90	90	90	90
Total Non-Resident Undergraduate Tuition and Fees	$661	$1,087	$1,521	$1,956	$2,391	$2,826	$3,304	$3,739	$4,174	$4,560	$4,990	$5,482

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

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$615	$1,041	$1,475	$1,910	$2,345	$2,780	$3,214	$3,649	$4,084	$4,470	$4,900	$5,392
Undergraduate College Fee 2	16	32	48	64	80	96	112	128	144	160	176	185
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Non-Resident Undergraduate Tuition and Fees	$677	$1,119	$1,569	$2,020	$2,471	$2,922	$3,416	$3,867	$4,318	$4,720	$5,166	$5,667

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3]
Includes: Health Solutions, and Nursing and Health Innovation [5]

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$615	$1,041	$1,475	$1,910	$2,345	$2,780	$3,214	$3,649	$4,084	$4,470	$4,900	$5,392
Undergraduate College Fee 3	56	112	168	224	280	336	392	448	504	560	616	675
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Non-Resident Undergraduate Tuition and Fees	$717	$1,199	$1,689	$2,180	$2,671	$3,162	$3,696	$4,187	$4,678	$5,120	$5,606	$6,157

UNDERGRADUATE COLLEGE FEE 4 [1,2,3] Includes: Journalism, Engineering [5], The College sciences, Design and the Arts, Thunderbird and Business												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$615	$1,041	$1,475	$1,910	$2,345	$2,780	$3,214	$3,649	$4,084	$4,470	$4,900	$5,392
Undergraduate College Fee 4	77	154	231	308	385	462	539	616	693	770	847	925
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Non-Resident Undergraduate Tuition and Fees	$738	$1,241	$1,752	$2,264	$2,776	$3,288	$3,843	$4,355	$4,867	$5,330	$5,837	$6,407

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $250 per credit hour up to a maximum of $3,000 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

[3] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2022-2023. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradLHCdegreeprononresident

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

General tuition & fees

Resident undergraduate degree program
Rural community college-based programs*

UNDERGRADUATE COLLEGE FEE 1 [1,2,3] Includes: Education, New College humanities and social sciences, CISA humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$451	$743	$1,035	$1,327	$1,618	$1,910	$2,246	$2,538	$2,830	$3,122	$3,384	$3,384

UNDERGRADUATE COLLEGE FEE 2 [1,2,3] Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 2	16	32	48	64	80	96	112	128	144	160	176	185
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$467	$775	$1,083	$1,391	$1,698	$2,006	$2,358	$2,666	$2,974	$3,282	$3,560	$3,569

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3]
Includes: Health Solutions, and Nursing and Health Innovation [5]

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 3	56	112	168	224	280	336	392	448	504	560	616	675
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$507	$855	$1,203	$1,551	$1,898	$2,246	$2,641	$2,986	$3,334	$3,682	$4,000	$4,059

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3]
Includes: Journalism, Engineering, The College sciences, Design and the Arts, Thunderbird and Business

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident Undergraduate Tuition	$405	$697	$989	$1,281	$1,572	$1,864	$2,156	$2,448	$2,740	$3,032	$3,294	$3,294
Undergraduate College Fee 4	77	154	231	308	385	462	540	616	693	770	847	925
Student-initiated Fee [4]	46	46	46	46	46	46	90	90	90	90	90	90
Total Resident Undergraduate Tuition and Fees	$528	$897	$1,266	$1,635	$2,003	$2,372	$2,786	$3,154	$3,523	$3,892	$4,231	$4,309

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

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $157 per credit hour up to a maximum of $1,099 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2022-2023. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradcommunitycollegebaseddegreepro

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

General tuition & fees

Undergraduate degree program
The Polytechnic School, freshmen and sophomores*

UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3) Includes: Engineering (4)							
RESIDENT	**ENROLLED HOURS**						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$706	$1,412	$2,118	$2,824	$3,530	$4,236	$4,941
Undergraduate College Fee 4	77	154	231	308	385	462	540
Student-initiated Fee (5)	160	160	160	160	160	160	320
Total Resident Undergraduate Tuition and Fees	$943	$1,726	$2,509	$3,292	$4,075	$4,858	$5,801

UNDERGRADUATE COLLEGE FEE 4 [1,2,3] Includes: Engineering [4]												
NON-RESIDENT	**ENROLLED HOURS**											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	$1,123	$2,246	$3,369	$4,492	$5,615	$6,738	$7,861	$8,984	$10,107	$11,230	$12,353	$13,479
Undergraduate College Fee 4	77	154	231	308	385	462	539	616	693	770	847	925
Student-initiated Fee [5]	160	160	160	160	160	160	320	320	320	320	320	320
Total Non-Resident Undergraduate Tuition and Fees	$1,360	$2,560	$3,760	$4,960	$6,160	$7,360	$8,720	$9,920	$11,120	$12,320	$13,520	$14,724

UNDERGRADUATE COLLEGE FEE 4 [1,2,3] Includes: Engineering [4]												
INTERNATIONAL	**ENROLLED HOURS**											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,229	$2,458	$3,687	$4,916	$6,145	$7,374	$8,603	$9,832	$11,061	$12,290	$13,519	$14,742
Undergraduate College Fee 4	77	154	231	308	385	462	539	616	693	770	847	925
Student-initiated Fee [5]	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,466	$2,772	$4,078	$5,384	$6,690	$7,996	$9,462	$10,768	$12,074	$13,380	$14,686	$15,987

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

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $157 per credit hour up to

a maximum of $1,099 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradpolyugtsfreshsoph

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

General tuition & fees

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

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: New College humanities and social sciences							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$706	$1,412	$2,118	$2,824	$3,530	$4,236	$4,941
Undergraduate College Fee 1	0	0	0	0	0	0	0
Student-initiated Fee (4)	160	160	160	160	160	160	320
Total Resident Undergraduate Tuition and Fees	$866	$1,572	$2,278	$2,984	$3,690	$4,396	$5,261

UNDERGRADUATE COLLEGE FEE 2 [1,2,3] Includes: New College sciences							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	$706	$1,412	$2,118	$2,824	$3,530	$4,236	$4,941
Undergraduate College Fee 2	16	32	48	64	80	96	112
Student-initiated Fee [4]	160	160	160	160	160	160	320
Total Resident Undergraduate Tuition and Fees	$882	$1,604	$2,326	$3,048	$3,770	$4,492	$5,373

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

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $157 per credit hour up to a maximum of $1,099 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

[3] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradwestugasfrshsophnonres

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

General tuition & fees

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

UNDERGRADUATE COLLEGE FEE 1 [1, 2, 3] Includes: New College humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,170	$2,340	$3,510	$4,680	$5,850	$7,020	$8,190	$9,360	$10,530	$11,700	$12,870	$14,040
Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee [4]	159	159	159	159	159	159	319	319	319	319	319	319
Total International Undergraduate Tuition and Fees	$1,329	$2,499	$3,669	$4,839	$6,009	$7,179	$8,509	$9,679	$10,849	$12,019	$13,189	$14,359

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3] Includes: New College sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,170	$2,340	$3,510	$4,680	$5,850	$7,020	$8,190	$9,360	$10,530	$11,700	$12,870	$14,040
Undergraduate College Fee 2	15	30	45	60	75	90	105	120	135	150	165	180
Student-initiated Fee [4]	159	159	159	159	159	159	319	319	319	319	319	319
Total International Undergraduate Tuition and Fees	$1,344	$2,529	$3,714	$4,899	$6,084	$7,269	$8,614	$9,799	$10,984	$12,169	$13,354	$14,539

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

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $240 per credit hour up to a maximum of $2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2021-2022 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradwestugasfrshsophnonres

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

General tuition & fees

International undergraduate degree program
New College of Interdisciplinary Arts and Sciences
freshmen and sophomores*

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) Includes: New College humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,229	$2,458	$3,687	$4,916	$6,145	$7,374	$8,603	$9,832	$11,061	$12,290	$13,519	$14,742

Undergraduate College Fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,389	$2,618	$3,847	$5,076	$6,305	$7,534	$8,923	$10,152	$11,381	$12,610	$13,839	$15,062

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3] Includes: New College sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	$1,229	$2,458	$3,687	$4,916	$6,145	$7,374	$8,603	$9,832	$11,061	$2,290	$13,519	$14,742
Undergraduate College Fee 2	16	32	48	64	80	96	112	128	144	160	176	185
Student-initiated Fee [4]	160	160	160	160	160	160	320	320	320	320	320	320
Total International Undergraduate Tuition and Fees	$1,405	$2,650	$3,895	$5,140	$6,385	$7,630	$9,035	$10,280	$11,525	$12,770	$14,015	$15,247

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

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $250 per credit hour up to a maximum of $3,000 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

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

[3] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22undergradwestugasfrshsophintl

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

General tuition & fees

Graduate degree program
All residencies

RESIDENT (1)							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Graduate Resident Tuition	$858	$1,716	$2,574	$3,432	$4,290	$5,148	$6,007
Student-Initiated Fee (2)	177	177	177	177	177	177	320
Graduate Student Support Fee (3)	65	65	65	65	65	65	130
Total Resident Graduate Tuition and Fees (4)	$1,100	$1,958	$2,816	$3,674	$4,532	$5,390	$6,457

NON-RESIDENT [1]											
	ENROLLED HOURS										
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Graduate Non-Resident Tuition	$1,361	$2,722	$4,083	$5,444	$6,805	$8,166	$9,527	$10,888	$12,249	$13,610	$14,971	$16,328
Student-Initiated Fee [2]	177	177	177	177	177	177	320	320	320	320	320	320
Graduate Student Support Fee [3]	65	65	65	65	65	65	130	130	130	130	130	130
Total Non-Resident Graduate Tuition and Fees [4]	$1,603	$2,964	$4,325	$5,686	$7,047	$8,408	$9,977	$11,338	$12,699	$14,060	$15,421	$16,778

INTERNATIONAL [1]											
	ENROLLED HOURS										
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Graduate International Tuition	$1,470	$2,940	$4,410	$5,880	$7,350	$8,820	$10,290	$11,760	$13,230	$14,700	$16,170	$17,640
Student-Initiated Fee [2]	177	177	177	177	177	177	320	320	320	320	320	320
Graduate Student Support Fee [3]	65	65	65	65	65	65	130	130	130	130	130	130
Total International Graduate Tuition and Fees [4]	$1,712	$3,182	$4,652	$6,122	$7,592	$9,062	$10,740	$12,210	$13,680	$15,150	$16,620	$18,090

[1] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2022-2023 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Please note all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

[2] ASU's government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services fee and Recreation fee. Funding

from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/fall22graduate

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

General tuition & fees

Graduate degree program
Online* campus

RESIDENT	ENROLLED HOURS [1, 2, 4, 5]																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Graduate Online Tuition	$554	$1,108	$1,662	$2,216	$2,770	$3,324	$3,878	$4,432	$4,986	$5,540	$6,007	$6,007	$6,007	$6,007	$6,007	$6,007	$6,007	$6,007
Student-Initiated Fee[3]	38	38	38	38	38	38	65	65	65	65	65	65	65	65	65	65	65	65
Graduate Student Support Fee [6]	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
Total Resident Graduate Online Tuition & Fees [7]	$607	$1,176	$1,745	$2,314	$2,883	$3,452	$4,048	$4,617	$5,186	$5,755	$6,237	$6,252	$6,267	$6,282	$6,297	$6,312	$6,327	$6,342

NON-RESIDENT	ENROLLED HOURS [1, 2, 4, 5]																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Graduate Online Tuition	$554	$1,108	$1,662	$2,216	$2,770	$3,324	$3,878	$4,432	$4,986	$5,540	$6,094	$6,648	$7,202	$7,756	$8,310	$8,864	$9,418	$9,972

Student-Initiated Fee[3]	38	38	38	38	38	38	65	65	65	65	65	65	65	65	65	65	65	65
Graduate Student Support Fee [6]	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
Total Non-Resident Graduate Online Tuition & Fees [7]	$607	$1,176	$1,745	$2,314	$2,883	$3,452	$4,048	$4,617	$5,186	$5,755	$6,324	$6,893	$7,462	$8,031	$8,600	$9,169	$9,738	$10,307

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

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

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

[4] Students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on the excess hours. For resident and non-resident students, the excess hours tuition rate is $111 per credit hour. Students should see students.asu.edu/tuition-surcharge [2] for additional information regarding the Undergraduate Excess Hours Tuition.

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

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

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

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

Source URL: https://catalog.asu.edu/tuitionandfees/Fall22Grad-PostBaccOnline

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

Registration & Tuition Payment Guide

Fall 2022

Distributed by:
University Registrar Services

Revised 08/01/2022

Table of Contents

Important Reminder

By registering for classes you agree to pay all applicable tuition and registration fees. You will NOT be dropped from your classes for non-payment. If you do not have adequate financial aid to cover tuition costs, and if you do not pay tuition by the applicable deadline, you will be enrolled in the ASU Payment Plan and assessed a non-refundable $100 resident/$200 non-resident enrollment fee.

Semester Calendar - Fall 2022

All dates and times published in this schedule are tentative and are subject to change without notice.

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

Session A: Thursday 8/18/2022—Friday 10/7/2022
Session B: Wednesday 10/12/2022—Friday 12/2/2022
Session C: Thursday 8/18/2022—Friday 12/2/2022 (Final exams 12/5/2022—12/10/2022)

Schedule of Classes Available	February 21, 2022		
Registration and Tuition Guide Available	February 21, 2022		
Registration Dates Begin	February 24, 2022		
$50.00 Late Registration Fee Begins (does not apply to ASU Online students)	Session A August 10, 2022	Session B October 4, 2022	Session C August 10, 2022
Classes Begin	Session A August 18, 2022	Session B October 12, 2022	Session C August 18, 2022
Academic Status Reports – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sunday.	Session A Aug 18-Oct 2, 2022	Session B Oct 12-Nov 27, 2022	Session C Aug 18-Nov 27, 2022
Residency Classification Petition Deadline	August 24, 2022		
Automatic ASU Payment Plan Enrollment - Students who registered through August 18 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan.	August 29, 2022		
Last day to register or drop/add without college approval	Session A August 19, 2022	Session B October 13, 2022	Session C August 24, 2022
Tuition Fee Payment Deadline—For registration through 8/15/22 For more information see http://students.asu.edu/tuitiondeadlines	August 25, 2022		
Tuition & Fees 100% Refund Deadline – For more information see http://students.asu.edu/tuitionrefundpolicy	Session A August 24, 2022	Session B October 18, 2022	Session C August 31, 2022
Labor Day Holiday Observed *Classes excused/University closed*	September 5, 2022		
University 21st Day	Session A September 7, 2022	Session B November 1, 2022	Session C September 7, 2022
Tuition Fee Payment Deadline—For registration from 8/16/22 through 9/18/22. For more information see http://students.asu.edu/tuitiondeadlines	September 25, 2022		
Deadline to Apply for Graduation	October 3, 2022		
Tuition Fee Payment Deadline—For registration from 9/19/22 through 10/18/22. For more information see http://students.asu.edu/tuitiondeadlines	October 25, 2022		

Semester Calendar (continued) - Fall 2022

Session A: Thursday 8/18/2022—Friday 10/7/2022 Session B: Wednesday 10/12/2022—Friday 12/2/2022 Session C: Thursday 8/18/2022—Friday 12/2/2022 (Final exams 12/5/2022—12/10/2022)			
Course Withdrawal Deadline	Session A September 7, 2022	Session B November 1, 2022	Session C November 2, 2022
Veterans Day Observed *Classes excused/University closed*	November 11, 2022		
Thanksgiving Holiday Observed *Classes excused/University closed*	November 24-25, 2022		
Complete Session Withdrawal Deadline As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school for facilitate the withdrawal process. For more information, see https://students.asu.edu/forms/withdrawal	Session A October 7, 2022	Session B December 2, 2022	Session C December 2, 2022
Classes End/ Last Day to Process Transactions	Session A October 7, 2022	Session B December 2, 2022	Session C December 2, 2022
Study Days	Session A N/A	Session B N/A	Session C December 3-4, 2022
Final Exams	Session A Last day of classes	Session B Last day of classes	Session C December 5-10, 2022
Final Grades Due	Session A October 10, 2022	Session B December 5-12, 2022	Session C December 5-12, 2022
Commencement Ceremony - (Graduate and Undergraduate) https://graduation.asu.edu/	December 12, 2022		
Degree Conferral Date	December 12, 2022		
Grade Replacement/Academic Standing Processing	December 13-14, 2022		
Holiday Break *Classes excused/University closed*	December 23-26, 2022		

* See Residential Life for designated move in dates.
** Late Registration fee of $50 assessed.
*** Classes start on Thursday 8/18/2022 in order to fully comply with ABOR contract hour requirements

Admission and Registration

Admission/Readmission

Undergraduate admission/readmission:
admission.asu.edu/first-year
admission.asu.edu/transfer
admission.asu.edu/international/first-year-apply
admission.asu.edu/international/transfer-apply

Graduate admission/readmission:
admission.asu.edu/graduate
admission.asu.edu/international/graduate-apply

Sandra Day O'Connor College of Law:
law.asu.edu

Students with an advising hold on their student account must meet with an academic advisor before submitting a registration request.

Nondegree undergraduate admission:
admission.asu.edu/undergrad/nondegree

Nondegree undergraduate students may enroll in up to eight credit hours each fall or spring semester, seven credit hours each five-week summer session, and nine credit hours in the eight-week summer session. Nondegree students may apply up to 15 credit hours to an undergraduate degree program at ASU. A student may not register in nondegree status after being admitted to a degree program.

Nondegree graduate admission:
admission.asu.edu/graduate/nondegree
A graduate student admitted to an ASU master's or doctoral degree program may apply up to 12 nondegree graduate credit hours taken prior to admission to their program.

Registration Procedures Overview

my.asu.edu

Step 1:   Log into My ASU to view your online Registration Dates. A registration date is the date/time that you may begin to register for classes. You may register online or in person anytime after your assigned registration date begins through the end of the drop/add period.*

Step 2:   Check for registration holds on My ASU. If you have an academic advising hold, plan to meet with your academic advisor well before your Registration Date occurs.

Step 3:   Review degree and catalog requirements.

Step 4:   Review your Major Map on My ASU (undergraduate students only).

Step 5:   Search for available classes using the Class Search at my.asu.edu.

Step 6:   Register for classes at my.asu.edu or in person at any registrar location https://students.asu.edu/contact/office-university-registrar

Step 7:   Pay tuition. If you do not have adequate financial aid to cover tuition costs, and if you do not pay tuition by the applicable deadline, you will be enrolled in the ASU Payment Plan and assessed a non-refundable $100 resident/$200 non-resident enrollment fee.

*Students may register for Fall 2022, February 24, 2022 through August 19, 2022 for Session A, August 24, 2022 for Session C, and October 13, 2022 for Session B. However, a $50 late registration fee is charged beginning August 10, 2022 for Session's A and C and October 4, 2022 for Session B. This fee does not apply to ASU online students.

Registration/Enrollment General Information

Registration Dates

All students are assigned an online **registration date** which will permit registration for the Fall 2022 semester. Students should log into MyASU to view their registration date as soon as possible.

A registration date is the date and time that a student may begin registering for the next semester. Students may register in person or online anytime after the assigned registration date begins, through the end of the drop/add period.

If you are an entering freshman in the Fall semester, your registration date will be the date of your orientation program. If you are not an entering freshmen, and you do not have a registration date assigned, contact the University Registrar Services at 480.965.3124.

Building Your Class Schedule

ASU's registration system will allow you to search the Schedule of Classes/Class Search and build a Fall class registration request. You can save that plan (shopping cart) and then later return to it. When you return, you will be able to see if the class status has changed since you built and saved the plan. You can view the online Schedule of Classes/Class Search via MyASU. The Fall 2022 Schedule of Classes is available February 17, 2022.

Registration, cont.

Submitting Your Registration Request

Once you have submitted your schedule request, you will be able to immediately see which courses were successfully added to your schedule. **Note: You may choose to audit a course in which case you attend and participate in the class but do not earn credit. Be sure to obtain instructor's approval before registering and paying fees. Refer to your catalog and see your academic advisor for additional information about audit enrollment.**

Drop/Add

Anytime after you have a class schedule, you will be able to drop and add courses via My ASU or in person at any registration location through the published drop/add deadline. During this period, you may drop one or more (but not all) scheduled classes. Classes that are dropped do not appear on the student's transcript. A student who wishes to withdraw from their last course during the drop/add period must process a complete withdrawal. Colleges or departments may require approvals before a student can add specific classes.

Swap

You can use the swap feature when you want to ensure that you do not drop a class you are already registered for until you have successfully added a replacement class.

Registration Holds

You will be able to view a list of holds that will prevent registration. Items that can prevent you from registering are: unpaid fees, academic advising requirements, immunizations, etc. Do not delay your ability to get the classes you want. Take care of your University business now to eliminate any holds.

To Dos

You will be able to view a list of your To Do items. To Do items display tasks you need to complete, such as completing a financial aid form. To Do items do not restrict registration. However, if you do not accomplish an open To Do item, it can become a Hold on your record. Follow the instructions or contact the appropriate person to make arrangements to complete each pending task as soon as possible.

Registration Locations

Tempe campus	West campus	Polytechnic campus	Downtown Phoenix campus
Student Services Bldg, Room 140	University Center Bldg, Room 120	Administration Bldg	University Center Bldg, Room 166
480.965.3124	602.543.8203	480.727.1142	602.496.4372
Monday - Friday 8:00am - 5:00pm			

Offices are closed in observance of the following holidays:

Labor Day—September 5, 2022
Veteran's Day—November 11, 2022
Thanksgiving—November 24-25, 2022
Holiday Break—December 23-26, 2022

A photo ID is required to process transactions in person.

In order to process any registration transaction in a student's absence, a third party must present their photo ID and written authorization signed by the student. A Registration by Proxy Form for a third party must present their photo ID and written purpose is available on the web at students.asu.edu/forms/registration or at any University registration site.

Required Vaccine

All students born after January 1, 1957 are required to meet the following MMR immunization requirement before class registration:

Option 1 - Provide proof of two MMR, Measles, Mumps and Rubella vaccinations: MMR #1 given on or after your first birthday. MMR #2 must be 4 weeks from the first or later.

Option 2 - Provide a copy of Measles IgG or MMR IgG lab test showing positive immunity.

Upload required documentation in My Health Portal.

To review the steps for uploading proof of MMR immunization, view the How to Upload Your MMR Vaccine Record at ASU.

Registration, cont.

Advising

Admitted students have an academic advising team that assists them in setting personal and academic goals, understanding policies and creating strategies for staying on track towards graduation. Undergraduate students should contact an academic advisor in the college or school of their major for advising and information about their academic program and curricular requirements. Many programs require academic advisement prior to registration for classes.

Students may visit My ASU to learn their current academic advising office assignment, and for information on how to make an appointment with an advisor. For additional information regarding general academic advising for all ASU departments visit https://students.asu.edu/academics

Instructor-Initiated Drop Option

The instructor of a course has full authority within departmental or other higher-level policies to decide whether or not class attendance is required. During the second week of classes in Fall or Spring, or the first four days of each Summer Session, the instructor can drop a student for non-attendance. In classes which are full, this will allow accommodation of other students requesting the class and help instructors avoid excessive over-rides. Instructor-initiated drops for non-attendance must be based upon concrete evidence of non-attendance and be signed by the Dean or Dean's Designee in the college offering the course. The college will notify the student by mail at the student's currently posted local address. Nothing in this policy contradicts any other policy regarding attendance, religious holidays, or the student's responsibility to notify the instructor in case of absences.

Note: Students should be aware that non-attendance will not automatically result in being dropped. Instructors have the right to exercise this option at their discretion. It is also the student's responsibility to contact the instructor before the end of the first week of classes if absences during that period cannot be avoided.

Withdrawal Policy

Course Withdrawal

After the drop/add period and up to September 7, 2022 for Session A, November 1, 2022 for Session B and November 2, 2022 for Session C, a student may withdraw from any course with a grade of "W". Withdrawals may be initiated online using My ASU or in person at any registration site. Courses with alternate begin and end dates may have an adjusted withdrawal schedule. Courses from which the student withdraws will remain on the student's transcript with a grade of "W". Any appropriate refunds are issued based on the published Refund Schedule and the date of the withdrawal. To determine whether you will be eligible for a refund after withdrawing, contact Student Accounts at 1-855-278-5080. It is the student's responsibility to initiate a withdrawal if unable to attend a class. Failure to do so will result in a grade of "E" being assigned for the class. Although students who do not attend class during the first week of a term may be administratively dropped from the class, such withdrawal is at the discretion of the instructor. In special circumstances, a medical withdrawal or academic record change may be authorized by the Dean of an academic unit if the student petitions for the change and presents documentation of reasons for being unable to attend the class. Please note academic record changes can only be requested after the semester has ended. It is the student's responsibility to petition for such change if appropriate.

Complete Withdrawal

A student may withdraw from all of his or her classes (the student will no longer be enrolled in any classes for the specified semester) through the transaction deadline or the last day of classes for any semester. A grade of "W" is awarded for each class from which the student withdraws. The complete withdrawal deadline is October 7, 2022 for Session A, and December 2, 2022 for Sessions B and C. Beginning the first day of the fall and spring semesters, you are required to connect with your college/school of your major to facilitate the withdrawal process. Making a complete withdrawal from the University is a difficult decision, and ASU has many resources in place to help. Because there may be serious academic and   financial consequences to processing a complete withdrawal, you should view complete withdrawal as a final resort. You are encouraged to meet with your academic advisor to explore alternatives.

Note: A student may not avoid any penalty for academic dishonesty by withdrawing from a course. A student may be reinstated to a course to receive a penalty of a reduced or failing grade, or XE. Remember: If you have financial aid or scholarships, be sure you understand minimum credit hour requirements for maintaining those awards.

Registration, cont.

Military Withdrawal

To completely withdraw due to military activation, immediately contact the Pat Tillman Veterans Center (PTVC). For all campuses, email the PTVC's Success Advocate to determine whether the call to active duty qualifies for ASU's Military Activation Policy. For example, students reporting to "boot camp" may not qualify for this policy. Students who qualify will receive some regulatory relief in the recalculation of financial aid and the calculation of tuition and fee charges. Students are also given options regarding their academic records, e.g., complete withdrawal, incomplete grades, etc.

Financial Assistance Withdrawal Policy

Circumstances may necessitate complete withdrawal from the University. For financial aid, a complete withdrawal from the full term or any individual session can affect financial aid eligibility. The outcome of a complete withdrawal on your financial aid depends on when the complete withdrawal is initiated and the types of financial aid you received. In all cases, Financial Aid and Scholarship Services must calculate a "Return of Title IV Funds" to determine if you were enrolled long enough to keep the aid paid to you. Any time you stop your enrollment (i.e., withdraw, drop, stop participating in classes or receive a combination of all EN, EU or W grades in a session or term) before the end of the term, you may need to return some of the financial aid you received. In addition, please note that receiving all EN grades (failure to participate) will result in the cancellation of all federal and institutional financial aid excluding earned Federal Work Study and Employee Waivers.

If you are considering withdrawing, please contact Financial Aid and Scholarship Services and request to speak with a financial aid counselor to understand the impact on your financial aid. Be sure to review Withdrawing as a Financial Aid Recipient for more information.

Official Complete Withdrawal

Federal regulations require the recalculation of Title IV financial aid in cases where a student received financial aid and officially withdrew on or before the point in which 60% of the semester has lapsed. If a return of aid is required, ASU returns the unearned portion of Title IV financial aid funds to the Federal Programs on behalf of the student. Any return of financial aid funds made by the University will be charged to the student's University account. Payment to the University will be due on demand.

Official Complete Withdrawal, cont.

Title IV funds include the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant (FSEOG), the Federal Teach Grant, the Iraq and Afghanistan Service Grant, the Federal Direct Subsidized and Unsubsidized Student Loans and the Federal PLUS Loan. Federal Work Study earnings and non-

Title IV aid are not included in this formula. However, the student may not continue to work under the Federal Work Study program after their official date of withdrawal.

University Testing Requirements

All new, transfer, or readmitted undergraduate students must meet one of the following testing requirements:

● Take the ACT English, SAT verbal examination, WritePlacer Plus section of the ACCUPLACER, TOEFL (Test of English as a Foreign Language), IELTS (International English Language Testing System), or PTEA (Pearson Test of English Academic) and have scores submitted to ASU.

● Take the Advanced Placement exam, earning a score of 4 or 5 in English offered by the College Entrance Examination Board qualifies for placement into ENG 105 and elective credit (3). ENG 101 (3) for students who already have credit for ENG 102.

● Take the CLEP College Composition exam, earning a score of 50 that qualifies for placement into ENG 105 and elective credit (3). ENG 101 (3) for students who already have credit for ENG 102.

● Have previously taken or be currently enrolled in ENG101, ENG102, ENG105, ENG107, or ENG108 at ASU. If the course was taken at ASU before 1980, contact the Records and Enrollment Services Office at 480.965.3124, before registering for classes.

● Transfer a course equivalent to ENG101, ENG102, ENG105, ENG107, or ENG108 with a grade of "C" (2.00) or higher.

An official transcript showing the grade must be received by ASU.

The evaluations of transfer English courses at Arizona State University has been centralized and all evaluations will be processed through the new Transfer Credit Guide. All transfer students should visit www.asu.edu/transfercredit to request an evaluation of transfer course work. Any questions regarding the evaluation process should be sent to articulation@asu.edu.

Registration, cont.

Placement Exams

A. First-Year Composition

Placement exams for First-Year Composition courses ENG101 or ENG107 are no longer required. Enrollment in ENG 105 is determined by a qualifying score earned on the ACT English, SAT Verbal Exam, Accuplacer. Multilingual/international students should enroll in ENG 107 or have the option of taking ENG 101 if they have qualifying scores (from TOEFL, IELTS, or PTEA-Duolingo is not accepted) what would have placed them into ENG 101 using former English placement practice outlined in the placement chart below. If students would like to register for ENG 105 but have not taken an acceptable placement exam, the Accuplacer may be taken on campus at the University Testing and Scanning Services, located at 1130 E. University Dr. Suite 204 in Tempe, at regularly scheduled times. Contact the UTSS at 480.965.7146 or www.asu.edu/uts to make an appointment.

Students who have taken the Advanced Placement Exam in English offered by the College Entrance Examination Board, the International Baccalaureate English A Exam, or the CLEP College Composition Exam, should visit the Credit by Exam Search section of the Transfer Credit Guide at https://webapp4.asu.edu/transfercreditguide/app/searchbyexam or information about placement into first-year composition courses.

B. Mathematics Course Placement Exams

Arizona State University requires the **Math Placement Test** to assess a student's prerequisite knowledge for placement into several mathematics courses up to and including first semester calculus. The instrument used for testing is a powerful assessment tool with artificial intelligence that zeros in on the strengths and weaknesses of a student's mathematical knowledge, reports placement score to the student and then, if necessary, provides the student with a learning environment for bringing this knowledge up to an appropriate level for the desired course placement by retaking the Math Placement Test.

All incoming students must complete the **Math Placement Test** prior to enrollment unless they have transferred an equivalent prerequisite course for the one they intend to enroll in. The time limit to finish the assessment is 2 hours.

Placement in First-Year Composition will be determined as follows:	
Exam Score:	**Register For:**
All students; for students for whom English is not the native language, enroll in ENG 107	ENG 101
All international students whom English is not the native language	ENG 107
International students with these scores: TOEFL 560PBT / 220CBT / 83iBT and above	ENG107 or can take ENG101
International students with these scores: IELTS 6.5 and above	ENG107 or can take ENG101
International students with these scores: PTEA 56 and above	ENG107 or can take ENG101
SAT Verbal 620 and above	ENG105
SAT Read/Write 660 and above	ENG 105
ACT English 26 and above	ENG105
Accuplacer score 5, 6, or 7	ENG101 or ENG107
Accuplacer score 8	ENG 105

For international students, anything lower that the posted qualifying scores must register for ENG 107. **Duolingo is not an acceptable test for English placement and cannot be used**.

Registration, cont.

Veterans Educational Benefits

Veterans and eligible dependents who wish to use educational benefits from the Department of Veterans Affairs (VA) must verify their status with the Pat Tillman Veterans Center as soon as possible. They will then need to submit their intent to use VA benefits with each new semester. VA benefits cannot be collected for audited classes.

All Campuses
Pat Tillman Veterans Center Tempe Campus Memorial Union, Lower Level, Room 75
480.965.7723

Student Identification

ASU Sun Devil Card Services

ASU requires all on campus and extended campus students to obtain an official ASU ID card. Online students are required to have an approved photo on file with Sun Devil Card Services. On campus students may choose between the Pitchfork ID Card offered by MidFirst Bank[1] or the basic Sun Card. The Pitchfork ID Card is an official ASU student photo ID and a Visa check card linked to a Sun Devil checking account. Both the Pitchfork ID Card and the basic Sun Card act as official university IDs and cost $25*, which may be paid with MasterCard®, Visa® or through the student's university account. As proof of identity, students need their ten-digit ASU ID number and a legal photo ID – driver's license, military ID, passport, etc. – to obtain their ID card. Visit cardservices.asu.edu or email sundevil-cardinfo@asu.edu for more information. Both the Pitchfork ID Card and the basic Sun Card contain an iCLASS® chip that allows easy access into classrooms and residence halls without the use of a key.

Do not punch holes in your card, or you will damage your card's functionality.

The Pitchfork ID Card and the basic Sun Card can both be used for a variety of services.

Card uses	Pitchfork ID Visa®	Basic Sun Card
Official ASU Student ID	*	*
Access to secure buildings	*	*
Access for meal plans**	*	*
Access for Maroon and Gold Dollars**	*	*
Access to Sun Devil Fitness Complexes	*	*
Access to academic advising	*	*
Access to library and check out	*	*
Accepted at Visa® locations worldwide	*	
Pay for campus health services	*	
Pay for campus parking services	*	
Pay for Sun Devil Campus Store items	*	
Free checking account for faculty and staff, and Sun Devil Checking exclusively for students	*	
Free ATMs nationwide - including MidFirst ASU ATMs on campus	*	
Mobile Wallet - pay with your eligible mobile or wearable device***	*	

*If you need to replace your Pitchfork ID Card or basic Sun Card, a $25 fee will apply. View rules and regulations for obtaining a replacement card at cardservices.asu.edu.

** Meal plans and Maroon and Gold Dollars are administered by Sun Devil Dining. Call 480-727-DINE

***Online and Mobile Services: Services offered are subject to their respective terms and conditions, and availability may vary by device.

[1]Member FDIC

Tuition and Fees

Admission Application Fees
Admission application fees are nonrefundable and must be paid at the time of application. These fees are subject to change.

Fall 2022 General Tuition*

General tuition, program-specific tuition, special class fees and mandatory registration fees are set annually by the Arizona Board of Regents. Visit the following websites for more information.

- General tuition and mandatory registration fee information — Tuition and Fees
- Program-specific information — ASU cost Calculator

Special class fees can be viewed online at the time of class registration

By registering for classes you agree to pay all applicable tuition and registration fees.

*All amounts presented in any University publications or web pages represent tuition and fees as currently approved. However, Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents or as otherwise consistent with Board policy and to make such modifications applicable to students enrolled at ASU at that time as well as to incoming students. In addition, all tuition amounts and fees are subject to change at any time for correction of errors.

Tuition Billing

Tuition charges will be billed on your student account and may be viewed online through My ASU after registration. From My ASU, select the "Finances" link on the upper left side.

By registering for classes you agree to pay all applicable tuition and registration fees.

If tuition is not paid by the applicable tuition due date, or financial aid is not awarded and accepted by the due date, you will be automatically enrolled in the ASU Payment Plan and charged a non-refundable enrollment fee of $100 for resident students and $200 for non-resident students. For students with accepted financial aid sufficient to cover tuition charges, financial aid will automatically pay tuition charges and no action is necessary. For students with accepted financial aid insufficient to cover tuition charges, payment in full is required by the due date to avoid automatic enrollment in the ASU Payment Plan. Refer to Tuition and Billing Calendar for your specific tuition payment due date.

Online Billing

Online billing provides reliable and secure access to billing statements any time of day from anywhere in the world with immediate access to current account information. To view and pay your charges, login to My ASU, select the link "Finances" on the upper left side, then click "Pay Bill". Online billing statements are also available through QuikPAY by clicking "View Account". Students are responsible to review their ASU e-mail account for notification of billing statements and to login to their student account on My ASU for current billing information. **Billing statements are not mailed.**

Students may authorize others to view and pay their ASU student account through QuikPAY. Log in to My ASU, select the "Finances" link on the upper left side, then click "Pay Bill". Once directed to QuikPAY select Authorized Payers from the left windowpane and enter the requested information for each person to be authorized on the account. Authorized Payers must have a valid email account.

eCheck Payments

eChecks are ASU's preferred payment method and are accepted online with no service charge or additional cost to the student. Make eCheck payments on QuikPAY by logging in to MyASU, select the "Finances" link on the upper left side, then click "Pay Bill" to be directed to the online payment processor. eChecks are a fast and simple payment method that can be made from regular U.S. checking and savings accounts in U.S. dollars. Checks issued from money market accounts, credit card companies, mutual funds, brokerage accounts, home equity or other lines of credit cannot be processed as an eCheck. Additional information is available at Payment Options.

Tuition and Fees, cont.

Credit Card Payments

ASU does not directly accept credit or debit card payments for tuition or other student account charges. The University has arranged for a third-party processor to accept Visa, MasterCard, Discover, and American Express credit and debit card payments online. The processor will charge a 2.5% service fee for credit and debit card payments in addition to the ASU payment amount. The service fee is not paid to ASU and is non-refundable, even if related payment to ASU is refunded. Credit and debit card payments may be made on QuikPAY by logging in to My ASU My ASU. Click on the "Finances" link on the upper left side, then click "Pay Bill" to be directed to the online payment processor. Credit and debit card payments are not accepted by mail, in person, or over the phone.

International Payments

ASU has partnered with Flywire to offer a streamlined and cost effective payment method for you to make international payments to ASU through QuikPAY. Initiate your international wire transfer payment at least one week before the applicable due date to ensure timely receipt.

Personal Checks

Checks payable to Arizona State University and without restrictive endorsement are generally acceptable. Mail checks to Cashiering Services, Arizona State University, PO Box 870303, Tempe, AZ 85287-0303. Include your ASU ID number. Check payments should be mailed at least two weeks prior to the applicable tuition due date to avoid automatic enrollment in the ASU Payment Plan. Check payments are also accepted in person at all campuses. **See Tuition Hours and Locations on page 14.**

Residency Classification

Residency (tuition) status is determined at the time a student submits an application for admission to the University. Non-resident students can request reclassification by submitting a completed residency petition no later than the last day of regular registration. Failure to petition by this deadline constitute a waiver of the student's rights for requesting residency reclassification or appeal for the current semester. Information about residency classification, including all requirements, deadlines and necessary documentation, can be found at students.asu.edu/residency.

Citizenship or Lawful Presence Requirement

Arizona law requires that students who are seeking consideration for in-state tuition status or aid that is funded in part or in whole by state money to provide verification of citizenship, permanent residency or other lawful immigration status. Most students will be able to be verified through automatic processes such as the financial aid application (FAFSA). Students choosing to go through the FAFSA process should be verified no later than the beginning of July for the Fall term, December for the Spring term and May for the summer term. If the FAFSA has not cleared the verification requirement by the recommended month it is highly possible that documentation is still required.

Veterans Educational Benefits

Veterans and eligible dependents must apply for veterans educational benefits and then verify their status with the Pat Tillman Veterans Center as soon as possible with each new semester. Distance Learning classes have veterans education benefit restrictions. Veterans cannot collect benefits for audited classes.

All Campuses
Pat Tillman Veterans Center Tempe Campus Memorial Union Lower Level, Room 75
480.965.7723

Tuition and Fees, cont.

ASU Payment Plan

The ASU Payment Plan provides students with the option to budget payment of certain eligible university charges over several months. Eligible charges are tuition, housing, meal plan, parking decals and health insurance. Students may enroll themselves in the plan through My ASU or they will be automatically enrolled if tuition charges are not paid in full by the applicable due date. There is a per-semester non-refundable fee of $100 for resident students and $200 for non-resident students. For additional information, please visit ASU Payment Plan. Please note, the enrollment fee is non-refundable, even if the student withdraws from classes.

All students are eligible to enroll in the ASU Payment Plan after they register for classes. Once a student enrolls for classes, he or she will not be withdrawn from classes during the current semester for non-payment. Students must withdraw from classes if they decide not to attend. If students enrolled in the plan do not make scheduled payments, monthly late fees will be assessed until the account is brought current on payments, registration in future semesters will be blocked, and access to other University services, such as official transcripts and diplomas, will be withheld.

Tuition Payment with Financial Aid

Financial aid is posted to your student account and used to pay tuition and other student account charges, with any excess financial aid immediately refunded to you. Any institutional charges incurred after financial aid disbursal are the student's responsibility to pay by the due date. Financial aid awards generally only pay charges in the semester for which the aid is intended, and you may be refunded excess financial aid for one semester and still have a balance owed for another semester. If you receive a refund, ensure that all charges have been paid by logging in to My ASU My ASU and select the "Finances" link on the upper left side.

For students with accepted financial aid sufficient to cover tuition charges, financial aid will automatically pay tuition charges and no further action is necessary. Students with unpaid tuition charges in excess of pending aid will be automatically enrolled in the ASU Payment Plan.

Note: If financial aid is not awarded and accepted by the tuition due date, tuition charges must be paid in full to avoid automatic enrollment in the ASU Payment Plan and assessment of the non-refundable ASU Payment Plan fee of $100 for resident students and $200 for non-resident students.

By registering for classes you agree to pay all applicable tuition and registration fees. Classes are not automatically cancelled for non-attendance or non-payment.

Taxability of Scholarships and Fellowships: Scholarships, grants, fellowships and stipends (but not loan funds) are taxable income to the recipient, except for the portion of these funds used for tuition, registration, other University fees, and books, supplies and equipment required for the courses being taken. Special tax regulations also apply to non-resident alien students and may require withholding of taxes at the time of aid disbursement to these individuals. Information on the taxability of scholarships can be obtained from the following IRS publications and forms: Publication 970, Tax Benefits for Education, Pub 519-U.S. Tax Guide for Aliens, Form 1040EZ and instructions - Income Tax Return for Single and Joint Filers with No Dependents, Form 1040NR and instructions - U.S. Non-resident Alien Income Tax Return. These publications and forms can be obtained from the Internal Revenue Service at their toll free number 1.800.829.FORM or online at www.irs.gov.

The Student Financial Assistance Withdrawal Policy will apply when a student receives financial aid funds and subsequently withdraws, drops out, takes an unapproved leave of absence, fails to return from an approved leave of absence, is expelled, or otherwise fails to complete the period of enrollment for which he or she was charged. .

Students with loans who would like to cancel or reduce their loans must inform the Student Financial Assistance Office in person within 14 days of the disbursement.

Tuition and Fees, cont.

Tuition Payment with Prepaid or College Savings Plans

Prepaid or College Savings Plan payments made payable to Arizona State University are generally accepted. Mail checks to Cashiering Services, Arizona State University, PO Box 870303, Tempe, AZ 85287-0303. Include the student's ASU ID number. Prepaid or College Savings Plan payments should be mailed at least two weeks prior to the applicable tuition due date to avoid automatic enrollment in the ASU Payment Plan and assessment of the non-refundable payment plan fee. Notification to Arizona State University of pending payments by the Prepaid or College Savings Plan does not exempt a student from automatic enroll-ment in the ASU Payment Plan and assessment of the non-refundable payment plan fee.

Qualified Tuition Reduction Program

A Qualified Tuition Reduction Program is available to faculty and staff who are employed at least 50% time within the state University system, and to their spouses and dependent children. Employees must complete the Qualified Tuition Reduction Form every semester they attend, which can be signed and submitted electronically. Qualified Tuition Reduction Forms are available at HR Forms under Tuition Reduction Program. The Qualified Tuition Reduction Program does not cover 100% of your tuition and fees. The outstanding portion of the tuition and fees will be billed on your student account and should be paid by the due date to avoid late fees. **Please submit early**.

Sponsorship by ASU Approved Governmental and Third-Party Agencies

Submit sponsorship authorization in person at the Student Accounts Office, by fax to 480.965.9242, or by e-mail sponsorbilling@asu.edu. Failure to do so by the tuition payment deadline will result in automatic enrollment in the ASU Payment Plan and assessment of a non-refundable enrollment fee of $100 for resident students and $200 for non-resident students. An acceptable letter of authorization must be submitted to the Student Accounts Office by August 25, 2022.

A **per semester** Sponsored Tuition Fee will be assessed to each sponsored student. Sponsored students are responsible for all tuition, fees, and late charges if the sponsoring agency fails to pay by the due date of the invoice. Questions about third party sponsorship may be directed to the Student Accounts Office. For additional information please visit https://students.asu.edu/thirdpartysponsorships .

International students who are required to carry student health insurance and are using coverage through their sponsor must receive approval from ASU Campus Health Services by e-mailing insurance@asu.edu .

Cashiering Hours and Locations

Tempe campus	West campus	Polytechnic campus	Downtown Phoenix campus
Student Services Bldg, 2nd Floor	University Center Bldg, Ste 101	Administration Building, Room 160	University Center Bldg, Ste 112
1-855-278-5080	1-855-278-5080	1-855-278-5080	1-855-278-5080
M-F 8:15am – 5:00pm	M-F 8:15am – 5:00pm	M-F 8:30am - 5:00pm	M-F 8:15am - 5:00pm

Offices are closed in observance of the following holidays:

Labor Day—September 5, 2022

Veteran's Day—November 11, 2022

Thanksgiving—November 24-25, 2022

Holiday Break—December 23-26, 2022

Tuition and Fees, cont.

Non-residents are not eligible for the Qualified Tuition Reduction Program. Please contact Residency Classification at 480.965.7712. Residency processing can be time-consuming, so apply early. You must be employed on the first day of the semester to be eligible for the Qualified Tuition Reduction Program. The Qualified Tuition Reduction Form must be processed by the Student Accounts Office on or before the first day of the session to qualify for reduced tuition. Forms submitted after the first day of the session will not be accepted and you will be held responsible for the full tuition and fees.

Graduate Assistants

Students identified as Research and Teaching Assistants receive tuition assistance if they meet employment and class enrollment requirements. RA/TA remissions do not cover 100% of tuition and fees. If eligible for a remission, the remaining tuition and fees will be billed on your student account with a August 25, 2022 due date.

Differential Tuition and Program Tuition

Certain graduate, undergraduate, colleges and programs assess additional differential tuition and program tuition which differs according to college and/or program. Contact your program advisor for details on these fees or see the Tuition Estimator.

Excess Hours Tuition

The Arizona Legislature enacted legislation in 2005 (A.R.S. § 15-1626) that establishes credit hour thresholds for undergraduate students who attend a public university in Arizona. Undergraduate students who enroll for credit hours beyond the applicable threshold of 145 hours are required to pay a tuition surcharge. The tuition surcharge is billed in addition to tuition, program tuition, mandatory fees and class fees. Please see the Tuition and Fees website for additional information.

Undergraduate College Fee 1-4

The Undergraduate College Fee is one of four fee categories based on a student's program of study. ASU conducted a comprehensive review of all instructional costs for every program. Programs of study with similar costs were grouped together, and those fees were averaged to determine an amount for each category.

Special Class, Hybrid, ocourse and icourse Fees

Special class, hybrid, ocourse and iCourse fees are assessed based on enrollment in specific classes. Class fees are published with each class through class search.

Financial Aid Trust Fee

All students are assessed a mandatory financial aid trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund, from which Financial Aid Trust Grants are awarded under the usual aid eligibility criteria. Fees collected from students are matched by the State of Arizona. See the Tuition and Fees Schedule for additional information.

Technology Fee

All students are assessed a mandatory technology fee as authorized by the Arizona Board of Regents to fund technology initiatives and improve access on all campuses. See the Tuition and Fees Schedule for additional information.

Student Initiated Fee

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

Student Programs Fee

All students are assessed a mandatory student programs fee as authorized by the Arizona Board of Regents to provide funding for new or enhanced facilities and student support programming. See the Tuition and Fees schedule for additional information.

Recreation Fee

All students are assessed a recreation fee allowing access to recreation facilities on all four ASU campuses. See the Tuition and Fees Schedule for additional information. Faculty/staff who are attending classes and all online students are not assessed the recreation fee. Please contact the Student Recreation Complex at 480.965.8900 for information on how to become a member.

Tuition and Fees, cont.

Health and Wellness Fee

All students are assessed a health and wellness fee as authorized by the Arizona Board of Regents to enhance services for students who seek both preventative and acute care and to expand outreach and wellness education and services.

Student Service Facility Fee

All students are assessed a Student Services Facility Fee as authorized by the Arizona Board of Regents to provide funding for new and enhanced student service facilities. See the Tuition and Fees Schedule for additional information.

Student Athletic Fee

The Student Athletic Fee will fund reinvestment in academic support areas, strengthen undergraduate and graduate academic experiences, and enhance student engagement in athletics, including access to Sun Devil Athletics sporting events and enhanced game day experiences in Sun Devil Stadium, Wells Fargo Arena and other athletic venues. This fee was initiated and supported by Undergraduate Student Government and the Graduate and Professional Student Assembly.

Late Registration Fee

All students who register for Sessions A & C on August 10, 2022 and after, will be assessed a late registration fee of $50.00. For Session B, students who register on October 4, 2022 or after will be assessed the late registration fee. Registration after the published deadline may be permitted under extraordinary circumstances if approved by an authorized College designee. Late registration fees are not refundable.

Tuition Receipt

For students requiring tuition receipts for insurance, reimbursement, or other reasons, login to My ASU and select the "Finances" link on the upper left side, then click the Tuition Receipt link. For in person assistance or additional documentation, see campus locations under "Tuition Payment Hours", page 14.

Delinquent Financial Obligations

Students with delinquent accounts will not be allowed to register for classes or obtain official transcripts or diplomas. The University reserves the right to involuntarily withdraw students with severely delinquent accounts from current semester courses. University billings not paid by the due date are subject to monthly late charges beginning 30 days past due and continuing monthly until paid in full. The monthly late charge for past due balances between $20-$50 is $5, for balances between $51-$400 is $10, for balances between $401-$1,000 is $25, for balances between $1,001-$3,000 is $50, for balances between $3,001-$5,000 is $75, and for balances greater than $5,000 is $100. Former students with outstanding charges may be referred to an outside collection agency with late fee assessment continuing monthly until paid in full.

Returned Checks

A $25 fee is assessed for returned checks and eChecks. Students with multiple returned checks or eChecks are subject to a permanent registration hold requiring advanced payment in secure funds prior to registration or access to other University services.

Student Health Insurance

Eligibility: Group Health insurance is available to:

- **Undergraduate students** registered for at least six units or have a consortium agreement to take courses at another qualified college with an overall credit hour total of at least six units

- **Graduate students** enrolled in degree or certificate programs, and taking at least three credit hours or one dissertation/thesis hour

Graduate, Teaching or Research Assistants who are offered insurance as part of their employment must enroll in the insurance, enrollment is not automatic.

Online students are not eligible for the student health insurance.

- **International student** enrollment in Student Health Insurance is mandatory and the cost of insurance is automatically

Tuition and Fees, cont.

added to registration fees. Waiver exception may be available. For additional information or waiver application https://eoss.asu.edu/health/resources/international.

Student Health Insurance enrollment is available through My ASU by selecting Campus Services, Health and Wellness Resources. Once enrolled for Student Health Insurance, you will be automatically re-enrolled into the plan each subsequent semester once you have registered for classes as you must meet the eligibility requirements each semester. The premium will be billed to your student account.

Coverage may be added or dropped through the first 2 weeks of each semester/session. Complete withdrawal from the University on or before the end of this two week period may not result in automatic cancellation of student health insurance. To cancel or add insurance prior to the end of open enrollment, go to MyASU under Campus Services, Health & Wellness Resources. The insurance **cannot** be cancelled if complete withdrawal from the University occurs after this two week period or if the insurance has been utilized. You may also direct questions and concerns to insurance@asu.edu.

Additional information about coverage, eligibility, cost, payment options and coverage can be found at https://eoss.asu.edu/health or https://www.aetnastudenthealth.com, enter ASU.

Institutional Refund Policy

Tuition and Fees
Tuition and fees are subject to a 100% refund if enrollment is officially cancelled within the refund period. In the Fall and Spring semesters, for classes eight weeks or longer, the refund period is two weeks, and for classes shorter in length the refund period is one week. Please see the Tuition Refund Policy for additional information.

Beginning the first day of classes, undergraduate students are required to work with the College of their major to facilitate the withdrawal process.

The 100% refund period is one week for sessions shorter than eight weeks and dynamically dated classes. All refunds are less any amounts owed to the University and are subject to payment holding periods. Students withdrawing for medical or other extenuating circumstances must contact their college to initiate the process. Tuition is non-refundable after the first week of these sessions/classes.

The University provides a prorated refund for students receiving financial aid; therefore, the refund schedule is the minimum amount refundable to these students. Withdrawal or cancellation occurs on the calendar day that withdrawal is processed either in person at any Registrar site or online using My ASU. See the Financial Aid Withdrawal Policy for additional information.

Student Account Refund (Disbursement)

Financial aid is posted to your student account and used to pay University charges such as tuition, Residential Life, meal plan and health insurance fees. Refunds of excess financial aid will be processed beginning the week before classes and will continue to be processed throughout the semester. Any changes to your schedule that results in a fee increase or any other fees incurred after financial aid disbursement, will be your responsibility to pay by the due date. You may view details of your student account, including financial aid refunds, by logging into My ASU select the "Finances" link on the upper left side, and select the Refunds link.

Note: To receive your financial aid refund beginning the week before classes, you must register for classes, complete your financial aid packet, and accept your loans at least two weeks before the semester begins. Financial aid refunds will be mailed or direct deposited to your bank account.

Refund by direct deposit to your bank account is available and is the most convenient way to receive student account refunds. Direct deposit enrollment is available at My ASU My ASU by selecting the "Finances" link on the upper left side, and clicking "Direct Deposit" in the Financing Tasks box under "Manage Payments". Further information is available at Tuition and Billing or in the Student Accounts Office on the 2nd floor of the Student Services Building (Tempe campus). Direct deposit enrollment must be completed a minimum of two weeks prior to your refund being issued. For students not enrolled in direct deposit, or who do not meet the direct deposit enrollment deadline, refund checks will be mailed. Keep your mailing address up to date to ensure that refund checks are received in a timely manner. View and update your address on My ASU by clicking on "My Profile" in the top-right corner. If you request a replacement check there is a $20 per check reissue fee. **All student account refund checks will be mailed.**

Transportation Options

For all transportation-related inquiries, including bicycling on campus, free campus shuttle services, parking permit locations and rates, Valley Metro transit passes and visitor parking, please visit the ASU Parking and Transit Services website at parking.asu.edu.

Downtown Phoenix campus	Polytechnic campus	Tempe campus	West campus
University Center Suite 116 411 N. Central Avenue Phoenix, AZ 85004	Quad 4 7107 E. Tiburon Mesa, AZ 85212	University Towers 525 S. Forest Avenue Tempe, AZ 85281	North Services Building 4776 W. University Way North Glendale, AZ 85306
480-965-6124	480-965-6124	480-965-6124	480-965-6124

Campus Maps

Utilizing www.asu.edu/map is a great resource for finding your way around any of the ASU campuses, finding public parking, wireless computing zones, buildings and facilities such as bookstores, computer labs, and more. By clicking on the link below, you can use the tabs at the top of the page to see the individual map of each location.

Tempe campus, West campus, Polytechnic campus, Downtown Phoenix campus, Research Park, and Skysong
http://www.asu.edu/map/interactive/

Ombudspersons

While all faculty and staff within the University community serve to facilitate matters, the following individuals have been designated to serve as ombudspersons (impartial fact-finders and problem solvers). They have no power to reverse or change decisions but have conciliation skills to help resolve matters.

Chair	Barzin Mobasher	Ira A. Fulton School of Engineering	480.965.0141
Academic / Student Affairs	Jeffery Banner	The College of Liberal Arts and Sciences	480.965.6505
	Kaylen Cons	Student Services	480.965.5302
	To be determined		
For Online Students	Joseph Chapman	Student Services	480.884.1609
Academic Professionals	Richard Filley	Ira A. Fulton School of Engineering	480.727.5252
Staff Personnel	Michelle Johnson	ASU Gammage	480.965.5062
Tempe Campus	Barzin Mobasher	Ira A. Fulton School of Engineering	480.965.0141
	Leah Doane	The College of Liberal Arts and Sciences	480.965.5289
	Ajith Kumar	W.P.Carey School of Business	480.965.5544
West Campus	Duku Anokye	New College of Interdisciplinary Arts and Sciences	602.543.6020
	Douglas Kelley	Social and Behavioral Studies	602.543.6641
Polytechnic Campus	Jason Bronowitz	The Polytechnic School	623.252.5590
	Ian Moulton	Integrative Sciences and the Arts	480.727.1172
Downtown Campus	Janet O'Brien	College of Nursing and Health Innovation	602.496.1415
	Kevin Ellsworth	College of Integrative Sciences and Arts	480.727.7090
	To be determined		

University Policies

Family Educational Rights and Privacy Act

General Information

The federal Family Educational Rights and Privacy Act (also known as FERPA, and/or the Buckley Amendment) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

Note: Students must provide photo identification in order to access their education records.

2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students who believe their record is inaccurate or misleading should write to the University official responsible for the record. Clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing about the request for amendment. Additional information about the hearing procedures will be provided to the student when notified of the right to a hearing.

Note: FERPA does not address grade disputes or grievances which are pursued through other University and/or college procedures.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interest. School officials are administrators, faculty, professional staff, academic advisors, clerical or support employees, including ASU law enforcement unit personnel and ASU health staff, volunteers, a person or company with whom the University has contracted as its agent, acting with legitimate educational interest to provide a service instead of using University employees or officials (such as an attorney, auditor, collection agent, service provider); a person serving on the Board of Regents; staff in the Alumni Association and ASU Foundation offices, or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

Additional exception categories may be found in SSM 107-01: Release of Student Information which is located on the web at http://www.asu.edu/aad/manual/ssm/ssm107-01.html

A school official has a legitimate educational interest if the interest in an education record is justified under one or more of the following conditions:

- The information or records requested are relevant and necessary to accomplish some task or determination related to the legitimate educational interest of the student;

- the official needs to review an education record in order to fulfill his or her professional responsibilities for the University;

- the task or determination is an employment responsibility or a properly assigned subject for the inquirer's determination and/or

- the task or determination is consistent with the purpose for which the records, information, or data are maintained.

Note: A parent of a dependent student may challenge denial of access to the dependent student's record by producing the most current copy of Internal Revenue Form 1040. (Dependency is defined in Section 152 of the Internal Revenue Code.) If that form lists the student in question as a dependent, the parent

University Policies, cont.

will be required to sign an Affidavit of Dependency which affirms that the student is his/her tax dependent. The affidavit will be retained by the University Registrar Services and must be renewed each tax year. Upon receipt of these documents, the dependent student records will be made available to the parent as specified under FERPA.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Arizona State University to comply with the requirements of FERPA. Students are encouraged to first contact the University Registrar's Administration Office at 480.965.7302. A complaint may be filed with the Department of Education at the following address:

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Avenue, SW

Washington, DC 20202

Definitions:

Student is any individual formally admitted and is or has been in attendance at ASU. The term does not apply to applicants for admission, nor does it apply to persons who have been admitted but who have not registered.

Education Record is any record(s) directly related to a student and maintained by Arizona State University or by a party acting for the University. This includes any information or data recorded in any medium, including, but not limited to: handwriting, print, computer media, video or audio tape, film, microfilm, and microfiche.

Directory Information (or releasable information) is general information that may be released to anyone without the consent of the student, unless the student indicates otherwise, except to the extent that FERPA authorizes disclosure without consent, including:

- Student Name

- Addresses (e.g., local, home, mailing and ASU e-mail, including directory number)

- Telephone Number(s)

- Date of Birth

- College

- Major

- Academic Level

- Dates of Attendance

- Enrollment status (e.g., undergraduate or graduate, full-time or part-time)

- Most Recently Attended Institution

- Participation in Officially Recognized Activities/Sports

- Weight/Height of Members of Athletic Teams

- Degrees, Honors and Awards Received (including Dean's List, National Merit, National Achievement, and National Hispanic Scholars)

Personally Identifiable Information (or non-releasable information) includes all information not defined as directory information, plus any information including directory information that the student has instructed ASU not to release. Personally identifiable information may not be released without the prior written consent of the student, except to the extent that FERPA authorizes disclosure without consent.

Student Control of Directory Information

Students may control release of directory information by submitting the appropriate form to any University registration location.

Unless otherwise requested, a student's name, email address, academic level, college and major may appear in the directory of faculty, staff, and students on ASU's web directory. To avoid the release of directory information in the directory, complete the appropriate form located at students.asu.edu/forms/withhold-directory-information-request.

University Policies, cont.

ASU has a policy that regulates and permits the sale of enrolled student directory information only through the University Registrar's Office. Unless otherwise directed by the student, directory information is subject to sale to outside purchasers.

Students accessing education records or receiving University services must provide proof of identification.

Questions or requests for additional information may be directed to any University registration location. Additional information, including FAQ's, is available on the web at http://students.asu.edu/policies/ferpa.

ACD 401: Prohibition Against Discrimination, Harassment, and Retaliation

Arizona State University is committed to providing an environment free of discrimination, harassment, or retaliation for the entire university community, including all students, faculty member, staff employees, and guests. ASU expressly prohibits discrimination, harassment, and retaliation by employees, students, contractors, or agents of the university based on any protected status: race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, and genetic information.

Inappropriate conduct need not rise to the level of a violation of federal or state law to constitute a violation of this policy and to warrant disciplinary action/sanctions.

All employees, students, volunteers, contractors and agents are responsible for participation in and assisting with creating and maintaining an environment at ASU free from all forms of prohibited discrimination, including harassment and retaliation.

ACD 402: Romantic or Sexual Relationship Between Faculty Members and Students.
ACD 815: Romantic or Sexual Relationships Between Staff/ Volunteers and Students
TA/RA Handbook: Prohibition of Amorous Relationships
SPP 205: Nepotism and Relationships Between Employees

No employee of the university may hire, review, supervise, direct, discipline, promote, influence, or participate in decisions involving hire, retention, supervision, promotion, evaluation or compensation of a relative or member of the employee's established household, or a person with whom the employee is in a romantic or sexual relationship.

Additionally, all employees, including Faculty, staff and volunteers as well as TA/RA's are prohibited from engaging in a romantic or sexual relationship with a student over whom they exercise, or can reasonably be expected to exercise, academic or employment authority or influence. Such authority or influence includes, but is not limited to, employment-related decisions such as hiring, evaluation or discipline, and academic-related decisions such as grading, transfers, evaluations, formal mentoring or advising, supervision of research, employment of a student as a research or teaching assistant, exercising substantial responsibility for honors or degrees, or considering academic disciplinary action involving the student.

Title IX Compliance

Title IX of the Education Amendments of 1972 as amended protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the Title IX Coordinator or to the U.S. Department of Education, Assistant Secretary or both.

ASU is committed to providing an environment free from discrimination based on sex and provides a number of resources and services to assist students, faculty and staff in addressing issues involving sex discrimination, including sexual violence.

Title IX Sexual Harassment, including sexual violence, sexual harassment, stalking and relationship violence have a profound impact on a victim's academic, social, working, and personal life, and negatively affects victims' friends and families, other students, co-workers, and members of the university community. To combat this complex social problem, ASU provides a variety of resources and education programs designed to prevent sexual violence and other acts of sexual misconduct, including sexual harassment, provide information about what to do when an incident has occurred, and increase awareness of campus and community resources for support and response. For information about specific resources, educational opportunities, and policies and procedures, please go to ASU's Sexual Violence Awareness and Response website at:
https://sexualviolenceprevention.asu.edu/

Discrimination Complaints

Complaints of alleged discrimination in employment and educational programs and activities on the basis of race, color, religion, national origin, sex, gender identity, sexual orientation, age, disability, and qualified veteran statuses may be referred to the offices listed on the following page for review, investigation and resolution.

No Retaliation

A report of alleged discrimination can be made without fear of jeopardizing the employment or academic standing of an employee or student.

University Policies, cont.

File a Report of Discrimination/Harassment or a Formal Complaint of Title IX Sexual Harrassment

Any incidents that include faculty or staff can be reported to the Office of University Rights and Responsibilities (URR). Reporting to URR can be done in addition to reporting to the police for criminal prosecution. File an incident report with the Office of University Rights and Responsibilities at 480-965-5057 or urr@asu.edu. Formal Complaints of Title IX Sexual Harassment must be filed with the Title IX Coordinator. A list of all reporting options can be found at: asu.edu/reportit/

Against an ASU Student Contact the office of student rights and responsibilities on your campus:	Downtown Phoenix Post Office, Room 243 602-496-0670	Polytechnic Administration Bldg, Room 102 480-727-5269	Tempe & Online Students Student Services Bldg, Room 263 480-965-6547	West University Center Bldg, Room 301 602-543-8152

File a Criminal Complaint

ASU Police	325 E. Apache Blvd., Tempe, AZ 85287-1812 Emergency: 911 Non-emergency: 480-965-3456

Additional questions can be directed to:

TITLE IX COORDINATOR AND SPECIAL COUNSEL

Jodi Preudhomme, Office of the President

1120 S. Cady Mall INTDSB Suite 284

Tempe, AZ 85287

480.965.0696/480.965.0865 fax

TitleIXCoordinator@asu.edu

Accommodations for Students with Disabilities

Students with disabilities attending ASU, regardless of location (on site or online), can utilize the Student Accessibility and Inclusive Learning Services. Students with disabilities should use the following process to facilitate access to programs and services at ASU from the first day of classes:

- Register for classes on their assigned Registration Date, and

- Register with the Student Accessibility office if you are not already registered

- Request accommodations immediately following enrollment (**please note**, you need to request accommodations each semester).

Note: Some accommodations, including but not limited to: alternative print formats, (e.g., Braille, e-text, large print), interpreting services, lab materials conversions, assistive technology, and the hiring of lab assistants, may require up to one semester in preparation time.

Returning Students: Go to https://eoss.asu.edu/accessibility, sign into the Student login, Connect to request accommodations for ASU classes.

New Students: Go to https://eoss.asu.edu/accessibility, select New Registration Form link and submit it to initiate your registration with Student Accessibility. Make sure to use your ASURITE username and password. If you have questions, do not hesitate to contact us.

Contact Information: You can reach any of our offices by utilizing the information below:

Student.accessibility@asu.edu

(480) 965-1234

Tempe campus	West campus	Polytechnic campus	Downtown Phoenix campus & Tucson School of Social Work
Matthews Center, 1st floor	University Center Building, Room 304	Wanner Hall, Room 101	POST 201
Monday—Friday / 8:00am—5:00pm			

Directory of Selected Campus Services, Resources, and Contacts

Campus	Phone	Email	Location	Mailing Address
Tempe campus	480.965.9011	askasu@asu.edu	University Dr. and Mill Ave., Tempe, AZ	See: asu.edu/contactasu/addressing
West campus	602.543.5500	westinfo@asu.edu	4701 W. Thunderbird Rd., Glendale, AZ 85306	PO Box 37100, Phoenix, AZ 85069-7100
Polytechnic campus	480.727.3278	poly@asu.edu	Power Rd. and Williams Field Rd., Mesa, AZ	7001 E. Williams Field Rd, Mesa, AZ 85212
Downtown Phoenix campus	602.496.INFO (4636)	askdpc@asu.edu	411 N. Central Ave., Phoenix, AZ 85004	See: asu.edu/contactasu/addressing

University Registrar Services				
Campus	Phone	Fax	Location	Mailing Address
Tempe campus	480.965.3124	480.965.7722	Student Services Bldg, Rm 140	PO Box 870312, Tempe, AZ 85287
West campus	602.543.8203	602.543.8312	University Center Bldg, Rm 101	PO Box 37100, Phoenix, AZ 85069
Polytechnic campus	480.727.1142	480.727.1008	Administration Bldg	5990 S. Sterling Mall, Mesa, AZ 85212
Downtown Phoenix campus	602.496.4372	602.496.0376	University Center Bldg, Rm 130	411 N. Central Ave. Ste 130, Phoenix, AZ 85004

Residency Classification				
Campus	Phone	Fax	Email	Location and Mailing Address
Tempe campus	480.965.7712	N/A	residency@asu.edu	Student Services Bldg, Rm 140 PO Box 870312 Tempe, AZ 85287

Student Business Services				
Department	Phone	Fax	Location	Mailing Address
Collections	480.965.5220	480.965.4587	Student Services Bldg, Rm 234	PO Box 870303 Tempe, AZ 85287-0303

Student Financial Assistance				
Campus	Phone	Fax	Email	Location and Mailing Address
Tempe campus	855.278.5080	480.965.9484	N/A	Student Services Bldg, 2nd Floor PO Box 870412 Tempe, AZ 85287
West campus	855.278.5080	480.965.9484	N/A	University Center Bldg, Rm 101 PO Box 37100 Phoenix, AZ 85069
Polytechnic campus	855.278.5080	480.965.9484	N/A	Administration Bldg 5990 S. Sterling Mall Mesa, AZ 85212
Downtown Phoenix campus	855.278.5080	480.965.9484	N/A	University Center Bldg, Rm 166 411 N. Central Ave., Phoenix, AZ 85004

Student Employment Office				
Campus	Phone	Fax	Email	Location and Mailing Address
Tempe campus	480.965.5186	480.965.9816	seo@asu.edu	Student Services Bldg, 2nd Floor PO Box 870412, Tempe, AZ 85287

Student Right to Know Act and Higher Learning Commission Data

As part of the federal Student Right to Know Act, institutions receiving Title IV funding are required to disclose certain information, such as completion or graduation rates of degree-seeking, full-time students entering the institution, to current and prospective students. Similarly, the Higher Learning Commission requires that institutions publish student achievement information, such as completion rates, job placement rates or other information useful for current and prospective students. In furtherance of those mandates, the following "Facts About ASU" section provides valuable consumer information about the success of ASU's students.

Facts About ASU

Arizona State University enjoys a national reputation as a leading research institution. ASU produces more graduates than any other university in the state. Students from around the nation and the world choose ASU because of its diversity and quality of academic, student, and research programs, a beautiful campus setting, and the value of the ASU degree in today's world.

Academic Environment

ASU offers 206 bachelor's degree programs, 228 master's degree programs, 90 doctoral programs, and one law degree program.

Undergraduate Students

ASU enrolled 16,830 first-year students for the Fall 2021 semester. **Of the first-year students, 25.6% graduated in the top 10% of their high school class.** The average ACT composite score of full-time first-year student is 24. The average SAT combined score is 1245.

ASU enrolled 14,513 new transfer students for the Fall 2021 semester with 28.0% of the new transfers coming from community colleges in Arizona.

The graduation rate for 2016 lower division transfer students graduating in 5 years or less was 60.9%

The graduation rate for 2017 upper division transfer students graduating in 4 years or less was 72.6%

Undergraduate Enrollment

ASU enrolled 107,431 undergraduates in the Fall 2021 semes-
ter. Seniors (Seniors: 38,864; Juniors: 29,231; Sophomores: 20,319; Freshmen: 18,318) compose the largest class, representing more than a quarter of the student body and over a third of the undergraduate enrollment. ASU enrolled students from every state and from 120 countries in the Fall 2021 semester.

Undergraduate Student Profile

43.4% are from ethnic minority backgrounds

3.9% are international students

The average age is 24.

Graduate Enrollment

ASU enrolled 28,322 graduates in the Fall 2021 semester

Graduate Student Profile

30.3% are from ethnic minority backgrounds.

24.0% are international students.

Student Athlete Profile

For information on student athlete graduation rates, please visit

the following webpage

http://www.ncaa.org/about/resources/research/graduation-rates

Degrees Awarded

In 2020-2021, ASU awarded 22,067 bachelors, 8,829 masters, 701 doctoral and 282 law degrees.

The graduation rate for 2015 full-time first-year students graduation in six years or less was 66.9%. Information on students who transfer out from ASU is not recorded, therefore is not available.

The six-year graduation rate for 2015 full-time first-year students receiving Pell grants, receiving subsidized Stafford Loans but no Pell grant, and receiving neither Pell grant nor Stafford loan was 60.s%, 61.0% and 72.0% respectively.

Career and Professional Development Services

ASU's Career and Professional Development Services posts career outcomes data at the following address: https://career.asu.edu/

University policies

Academic integrity

At Arizona State University, we place great value on the research and scholarship of our students and faculty and are committed to a culture of academic integrity and scholarly ethics. We welcome you into our culture of academic excellence and integrity and hope you will help foster and promote ethical and honest behavior in connection with your scholarly work and interactions with your peers.

Academic integrity video [1] on Youtube.

What is academic integrity?

No matter what stage of your educational or professional career pursuits, acting with integrity is a cornerstone of leadership and good citizenship. Integrity is a character-driven commitment to honesty, doing what is right, and guiding others to do what is right. Arizona State University students and faculty are expected to act with integrity in their educational pursuits.

Academic dishonesty falls into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing [2].
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

It is important that you understand what constitutes a violation of academic integrity. The ASU community is here to help you stay informed and to provide resources to avoid these kinds of violations. Please read ASU's academic integrity policy found here and visit the student resource page found here.

Mostly importantly, if you are not sure if something is really cheating, ask your professors, academic integrity officers, T.A.s or academic advisors.

ASU student honor code

[Archivist's note: embedded Google slides presentation; no link available]

Source URL: https://provost.asu.edu/academic-integrity

Links:
[1] https://youtu.be/_re07sKys_o
[2] https://provost.asu.edu/academic-integrity/resources/students#avoiding-plagiarism

ASU student honor code

The ASU student honor code affirms the commitment of ASU students to uphold the values, principles, and ethics of academic integrity.

Honor code

"We, the students of Arizona State University, adopt this code as an affirmation of our commitment to academic integrity and our participation in ethical education.
We embrace our duty to uphold ASU's Honor Code, and in light of that duty,

We promise to refrain from academic dishonesty.

We pledge to act with integrity and honesty and to promote these values among our peers. We agree to always abide by the **Sun Devil Way [1]** and uphold the values of the **New American University [2]**."

[Archivist's note: embedded Google slides presentation; no link available]

Source URL: https://provost.asu.edu/academic-integrity/honor-code

Links:
[1] https://eoss.asu.edu/sundevilway
[2] https://newamericanuniversity.asu.edu/about/asu-charter-mission-and-goals

Why is academic integrity important?

Foundational value

Academic integrity is a fundamental value and is paramount to your success as a student. Protecting the ASU community from violations of academic integrity is everyone's responsibility.

Academic Integrity Violations negatively impact:

You as a student

If you cheat in a course or another academic exercise, you are taking away your opportunity to learn, develop and improve your skills, and obtain an educational degree that reflects your own academic achievements.

The ASU community

ASU is an intellectual community focused on teaching, research and the values of the New American University. The creation, transmission, sharing and applying of knowledge are central activities of the community. Cheating violates fundamental values of the university community.

Future employers, clients or patients

Cheating can hurt the people you will work with in the future. You are preparing for careers where you will provide services to others—legal, journalistic, medical, research, etc. If you do not learn how to do this work, you have cheated your future employers and clients of a knowledgeable professional.

Student policy

Why is academic integrity important? [1] video on YouTube

Keon McGuire, Assistant Professor in Mary Lou Fulton Teacher College, shares why academic integrity is important. We want your time spent here at ASU to be enriching, engaging and full of wonderful educational experiences that prepare you for your future.

What is a violation of the academic integrity policy?

Academic dishonesty falls into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing.
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

What are the consequences?

At Arizona State University, academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include, but are not limited to: appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy.

This policy sets forth the ASU Student Academic Integrity Policy and appeal procedures.

View full policy [2]

Additional policies to be aware of:

Student Code of Conduct

Violations of the ASU Student Code of Conduct, other than the provision concerning academic dishonesty, are more generally considered inappropriate behavior. The Office of Student Rights and Responsibilities [3] reviews and sanctions these matters. If a student violates both the academic integrity provision and additional provisions of the Student Code of Conduct, both the college and the Office of Student Rights and Responsibilities will review the matter. Each independently makes determinations concerning violations and appropriate sanctions.

Misconduct in research

For graduate students and undergraduates involved in research, there can be overlapping areas between Academic Integrity Policy violations, responsible conduct of research and research misconduct. The five areas listed above describe the kinds of Academic Integrity Policy violations and are handled under the ASU Student Academic Integrity Policy by faculty members, colleges and the provost.

If a student is working on a federally-funded research project, some of these items may also be considered misconduct in research [4]. Misconduct is defined as:

Fabrication, falsification, plagiarism and other practices that seriously deviate from those that are commonly accepted within the academic community for proposing, conducting or reporting research. Instances of honest error and honest differences in interpretations or judgments of data are not considered misconduct. (From RSP 004: Definitions [5])

A student who violates both ASU's Misconduct in Research Policy and Student Academic Integrity Policy will be reviewed by both the college and the Office of Knowledge Enterprise Development's Office of Research Integrity and Assurance [6] (ORIA). Each independently makes determinations concerning violations and appropriate sanctions.

In addition, some actions might be considered violations of the norms of responsible conduct of research, but not Academic Integrity Policy violations or misconduct in research. Many of these incidents fall into the general category of "collaborator disputes." For example, if a doctoral graduate of ASU continued a line of research begun at ASU in a new lab external to ASU, and the ASU mentor objected, generally speaking the matter would be addressed as a collaborator dispute, rather than as an Academic Integrity Policy violation or misconduct in research. Many conflicts over appropriate authorship credit on publications also fall into this area.

Source URL: https://provost.asu.edu/academic-integrity/impact

Links:
[1] https://youtu.be/Xl_LGLFhPPc
[2] https://provost.asu.edu/academic-integrity/policy
[3] https://eoss.asu.edu/dos/srr
[4] http://www.asu.edu/aad/manuals/rsp/rsp210.html
[5] http://www.asu.edu/aad/manuals/rsp/rsp004.html#misconduct
[6] https://researchintegrity.asu.edu/

Student policy

At Arizona State University academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include, but are not limited to: appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy. This policy sets forth the ASU Student Academic Integrity Policy and appeal procedures.

A. Purpose
   1. This Policy sets forth the ASU Student Academic Integrity Policy and appeal procedures. These procedures are designed to encourage a fair and appropriate process for student and faculty to resolve allegations of academic dishonesty. They may be modified in individual cases, so long as the student is provided notice and an opportunity to respond to allegations of academic dishonesty.
   2. This Policy does not apply to differences of opinion over grades issued by an instructor.

B. Definitions
   Academic Deceit Any deceptive or fraudulent act that creates or attempts to create an advantage or disadvantage for any member of the academic community.

   Academic Evaluation Any academic assignment, project, paper, performance, quiz, exam, comprehensive exam, candidacy exam, thesis, dissertation, clinical or internship experience, or other evaluation assigned or offered for credit (including extra or optional credit), intended to fulfill an academic requirement, or considered by the University to provide academic or research experience (such as a paid research position).

   Academic Integrity Officer The person responsible for managing the academic integrity investigation and adjudication process in a College or School. The Academic Integrity Officer works with both the student and Instructor to ensure that all procedures are followed. The Academic Integrity Officer is responsible for guiding both the student and Instructor through the investigation and adjudication process. The Academic Integrity Officer may pursue the academic dishonesty allegation if, for any reason, the Instructor is unable or unwilling to do so.

   Advisor An individual selected by the student to assist him/her during the academic integrity process. The advisor may be a faculty or staff member, student, or other representative of the student.

   College/School Board College or School Board is appointed by the academic Dean to review allegations of academic dishonesty. Each College or School Board is a standing committee comprised of faculty members and at least one student.

   University Academic Integrity Hearing Board Hearing board appointed by the Provost or designee to review allegations of academic dishonest, typically through student appeals from a College/School Board.

   Instructor An academic supervisor or any person holding a faculty appointment as defined in the Arizona State University Academic Affairs Manual and is responsible for or authorized to conduct an academic evaluation. The Academic Integrity Officer may take the place of the Instructor throughout this process.

   Day University business day, not including Saturday, Sunday, any officially recognized university employee holiday, or any day the University is closed.

C. Student obligations
   1. All students must act with honesty and integrity. ASU believes that any form of Academic Dishonesty negatively impacts not only the student involved but all ASU students. The ASU student honor code affirms this commitment to integrity and can be found here.
   2. Academic Dishonesty includes attempting or engaging in the following:
      a. Academic Deceit;
      b. Referring to unauthorized materials, sources, or devices (e.g., Internet resources, computer disks, audio recorders, cellular phones, personal electronic devices, text messages, crib sheets, calculators, solution

manuals, materials from previous classes, or commercial research services) during an Academic Evaluation;

    c.   Possessing, reviewing, buying, selling, obtaining, posting on a site accessible to others, reviewing materials from a site accessible to others, or using, without appropriate authorization, any materials intended to be used for an Academic Evaluation in advance of its administration;

    d.   Using a substitute or acting as a substitute for another person in any Academic Evaluation;

    e.   Relying on the aid of others, including other students, tutors, or for-hire agents, in connection with any Academic Evaluation to the extent that the work is not representative of the student's abilities;

    f.   Providing inappropriate aid to another person in connection with any Academic Evaluation, including the unauthorized use of materials, cellular phones, text messages, photocopies, notes, or other means to copy or photograph materials used or intended for Academic Evaluation;

    g.   Plagiarism, or the use of another's words, ideas, materials, or work from the Internet or any other source without properly acknowledging and documenting the source. Students are responsible for knowing the rules governing the use of another's work or materials and for acknowledging and documenting the source appropriately.

    h.   Claiming credit for or submitting work done by another or through the unauthorized use of technology;

    i.   Signing an attendance sheet for another student, allowing another person to sign on the student's behalf, or otherwise obtaining credit for attendance for oneself or another without attending;

    j.   Falsifying or misrepresenting hours or activities regarding an internship, externship, field experience, clinical activity, or similar activity; or

    k.   Attempting to influence or change any Academic Evaluation, or academic record for reasons having no relevance to academic achievement.

D. Academic dishonesty investigation and procedures

1. Anyone with a good faith basis for believing that a student has engaged in Academic Dishonesty may report the alleged violation to the Instructor or Academic Integrity Officer for the college or school in which the Academic Dishonesty occurred.

2. If the Instructor or Academic Integrity Officer conclude that there is a sufficient basis to believe the student engaged in Academic Dishonesty, the Academic Integrity Officer will notify the student of the alleged violation and initiate the investigative process.

3. Before concluding the investigation, the Academic Integrity Officer will provide the student a summary of the information gathered. The student will have 5 business days after the notice was sent to respond on his/her own behalf to the allegation.

4. At any point in the process, the student can contact the Academic Integrity Officer to seek consultation or clarification.

5. The student may be accompanied by an Advisor at any point in the process. The Advisor is not permitted to participate directly or speak for the student.

6. Once the investigation is complete, in consultation with the Academic Integrity Officer, the instructor will recommend a sanction. The student will be notified of the result of the investigation and the sanction to be imposed, if any.

E. Sanctions and appeal

1. The following sanctions may be imposed for Academic Dishonesty:

    a.   Reduced or failing grade for the Academic Evaluation;

    b.   Reduced or failing grade for the course.

    c.   An XE grade as described in section K below;

    d.   Withdrawal of credit for a previously accepted course or requirement;

    e.   Suspension from the University for a specific period of time;

    f.   Expulsion from the University without expectation of readmission; and/or

    g.   Other sanctions as consistent with this policy and the Student Code of Conduct: https://eoss.asu.edu/dos/srr/codeofconduct [1]

2. At any time, the student and the Instructor may agree on the sanction and inform the Dean. The Dean may reject the proposed resolution and appoint a designee to pursue the case on behalf of the University.

3. The student will also be notified of their right to appeal to the Dean. The student must file their appeal no later than 10 business days after the date the notification was sent. If the student does not file a timely appeal, the sanction is final.
4. A student's appeal of a recommended sanction must be submitted in writing and include the following:
    a. A description of the alleged academic dishonesty, including a factual narrative of events, the dates and times of occurrences, and any other reason why the sanction should not be imposed;
    b. The names of persons having information about relevant circumstances or events; and
    c. The general nature and description of all evidence.
5. If the student files an appeal, the student must meet with the Academic Integrity Officer to discuss hearing procedures. The Academic Integrity Officer will help the student navigate the process and provide additional information when needed.
6. If the student wishes to dispute any aspect of the allegation or sanction, the student may file an appeal. If the student files a timely appeal, the sanction will not be imposed until the appeal is resolved. If the student files an appeal at the end of a semester, or during the last semester of enrollment, the course grade or degree may be withheld until the matter is resolved. If a grade or degree will be withheld for any period, the Academic Integrity Officer or Dean must notify the Registrar's Office.

F. College/School board hearing
1. The Academic Integrity Officer will forward a student's timely appeal to the Instructor.
2. Pre-Hearing Proceedings
    a. The Academic Integrity Officer will send a notice of hearing to the student, Instructor, College/School Board, and the head of the College/School/academic unit where the alleged dishonesty occurred. The notice will include the following information:
        i. Statement of time and place of the hearing before the College/School Board. Unless the parties and Academic Integrity Officer agree otherwise, the hearing will take place during the regular fall or spring semester;
        ii. A copy of this Policy or instructions on accessing the Policy electronically;
        iii. Requirement that the parties provide to each other and the College/School Board a written list of witnesses and a description of any documents or other evidence they intend to use at the hearing. Unless the Chair provides otherwise, this information must be exchanged at least 5 business days before the hearing.
        iv. The length of time set for the hearing, the time limitation for the presentation of evidence, and any other procedural requirements.
3. Conduct of the Hearing
    a. In order to preserve the confidential nature of the disciplinary process and to protect the privacy of those involved, the hearing will be closed to the public.
    b. The College/School Board Chair will preside at the hearing and will rule upon all procedural matters. The formal rules of evidence will not apply, although objections to the introduction of specific statements or documents may be considered by the Chair. Irrelevant, immaterial, privileged, or unduly repetitious information will be excluded.
    c. The Instructor shall have the burden of showing it is more likely than not that the student engaged in Academic Dishonesty. The Instructor must also explain the reason for the sanction. If the student accepts responsibility for Academic Dishonesty, then the College/School Board may focus the hearing on the appropriate sanction.
    d. Information regarding prior violations or informal resolutions of previous allegations may not be used as proof of a current violation, but may be admitted for other purposes, such as to show that the student had prior experience relevant to the allegations or to show that the student had been informed previously that the conduct was unacceptable. The College/School Board may also consider information regarding prior violations in determining an appropriate sanction.
    e. A student who fails to appear or refuses to participate at the hearing will be deemed to have abandoned his/her appeal, unless the student can demonstrate that extraordinary circumstances prevented his/her appearance or participation.

  f. The student and Instructor may each have an Advisor present, but the Advisors shall not be permitted to address the College/School Board directly, except as the College/School Board Chair deems necessary or appropriate.

  g. The hearing will be recorded and the student may request a copy of the recording. The student may also request a transcript, but will be responsible for its cost.

  h. Except as otherwise permitted by the College/School Board Chair, witnesses will be excluded from the hearing except during their own testimony. The Chair may remove a party, Advisor, or witness from the hearing if that person's conduct is disruptive.

  i. When necessitated by fairness or extraordinary circumstances, the College/School Board may permit the parties to make arrangements for recorded, written, or telephonic testimony from their witness (es) for use in the proceeding.

  j. The Instructor shall proceed first at each stage of the presentation.

    i. Each party may present an opening statement, which summarizes what information is expected to be presented.

    ii. Each party will call witness(es) to provide statements under oath.

    iii. At the conclusion of each witness's statement, he/she may be questioned by the other party.

    iv. The College/School Board may ask further questions of each witness.

    v. Each party may present a closing statement, which summarizes the information that was presented.

4. If the alleged Academic Dishonesty involves the work of multiple students, the College/School Board may modify these procedures to address the circumstances. The College/School Board should provide prior written notice of any modification of the procedures to all parties. Each student must file his/her own appeal. A student who has not filed an appeal should not expect to benefit from another student's appeal.

G. College/School board deliberations and recommendations

1. Following the presentation of information and closing statements, the College/School Board will discuss the information that has been presented and the reasonable inferences to be drawn from it. Only the Board, its legal advisor, if any, and the Academic Integrity Officer may be present during the deliberations. Neither the student nor the Instructor may be present during the deliberations.

2. Based solely upon the information presented, the College/School Board will formulate a recommendation to the Dean as to whether the student more likely than not engaged in academic dishonesty and the appropriate sanction. Recommendations must be supported by a simple majority of the Board.

3. The College/School Board will prepare and send a written recommendation to the Dean within 5 business days of the hearing. The written recommendation will include findings of fact and a statement of the reasons for the recommendation. It will also be signed by the College/School Board Chair. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation.

H. Review and decision by dean

1. After reviewing of the College/School Board's Recommendation, the Dean will render a written decision which affirms, denies, or accepts the College/School Board's recommendation with modifications.

2. The Dean may not make new findings adverse to the student or increase the severity of a sanction, unless

  a. The Dean provides the student notice and an opportunity to respond to the new findings or sanction, and

  b. Remands the matter to the College/School Board for further proceedings.

3. The Dean will provide written notice of the decision to the student, the Academic Integrity Officer, the instructor, the College/School Board, and the head of the College/School/academic unit where the alleged dishonesty occurred within 20 business days following receipt of the College/School Board's recommendation. A delay may occur if it becomes necessary to conduct further investigation or to remand the matter to the College/School Board. In those cases, the written decision will be transmitted no later than 20 business days following completion of the investigation or the College/School Board's subsequent recommendation.

4. The Dean's decision is final and may not be further appealed unless the Dean recommends that the Provost suspend or expel the student from the University.

5. If the Dean recommends the suspension or expulsion of an international student, both the student and Academic Integrity Officer should consult with the ASU International Students and Scholars Center.

6. If the Dean recommends that the Provost suspend or expel the student from the University, the letter from the Dean will state that the student may appeal the recommendation by filing a written request for review with the Provost within 10 business days of the date of the letter.
7. If the student does not timely appeal, the Provost or designee will review the Dean's recommendation and issue a final decision on suspensions or expulsions from the University.

I. Review and decision of a suspension or expulsion from the university

1. A student may seek to have a Dean's decision reviewed by the University Academic Integrity Hearing Board only if the Dean recommends that the Provost suspend or expel the student from the University. However, a student who failed to appeal or abandoned his/her appeal at the College/School Board hearing may not appeal to the University Academic Integrity Hearing Board.
2. The appeal must be in writing and must be filed with the Provost within 10 business days of the date of the Dean's decision letter.
3. The Provost or designee will appoint and charge a University Academic Integrity Hearing Board to conduct the hearing. The Hearing Board will be comprised of three members. One member must be a student and one of the other members will act as Hearing Board Chair. The hearing shall follow the procedures set forth in the Student Code of Conduct Procedures, except that the College/School will take the role of the Dean of Students and the Provost or designee will take the role of the Senior Vice President for Educational Outreach and Student Services.

J. Review and decision of a degree or certificate revocation

1. Anyone with a good faith basis to believe that an ASU alumnum has engaged in Academic Dishonesty may report the alleged violation to the Office of the University Provost.
2. The Provost's designee will investigate and make an initial determination as to whether there is a sufficient basis to believe that the alumnum engaged in Academic Dishonesty and whether the appropriate sanction includes degree or certificate revocation.
3. If the Provost's designee decides to initiate an Academic Dishonesty complaint, he/she will notify the alumnum of the allegations and provide the alumnum an opportunity to respond.
4. The Dean of the College/School that awarded the degree or certificate may choose to convene an ad hoc committee to review the evidence and make a recommendation as to whether the alumnum engaged in Academic Dishonesty and the appropriate sanction.
5. In cases not involving graduate students, after reviewing the evidence and committee recommendation, if any, the Dean of the College/School that awarded the degree or certificate will render a written decision as to whether the alumnum more likely than not engaged in Academic Dishonesty and the appropriate sanction.
6. In cases involving graduate students, after reviewing the evidence and committee recommendation, if any, the Dean of Graduate College in consultation with the Dean of the College/School that awarded the graduate degree or certificate, will render a written decision as to whether the alumnum more likely than not engaged in Academic Dishonesty and the appropriate sanction.
7. If the Dean recommends that the Provost revoke a degree or certificate, the letter from the Dean will state that the alumnum may appeal the recommendation by filing a written request for review with the Provost within 10 business days after the date the notification was sent.
8. If the alumnum does not timely appeal, the Provost or designee will review the recommendation and issue a final decision.
9. If the alumnum files a timely appeal, the Provost or designee will establish a University Academic Integrity Hearing Board to conduct the hearing. The hearing shall follow the procedures set forth in the Student Disciplinary/Grievance Procedures, except that the College/School will take the role of the Dean of Students and the Provost will take the role of the Senior Vice President for Educational Outreach and Student Services.

K. XE grade

1. The XE grade will be recorded on the student's official and unofficial transcript with the notation "failure due to academic dishonesty." The XE grade shall be treated in the same way as an E for the purposes of grade point average and determination of academic standing.

2. No student with an XE grade on his/her transcript shall be permitted to represent the University in any extracurricular activity or to run for or hold office in any recognized student organization.
3. Generally, the XE grade will remain on the transcript permanently. For other cases, after at least 12 months have elapsed since the XE grade was imposed, the student may file a written petition to the Dean to have the XE grade removed and replaced with an E grade. The decision to remove the XE grade and replace it with an E grade is within the discretion and judgment of the Dean.
4. Before replacing an XE grade with an E grade, the Dean may confer with other University officials and may require the student to attest that he/she has not been involved in any other act of academic dishonesty or similar disciplinary offense at ASU or another institution. If the student's representation is later discovered to be false, the Dean may reinstate the XE grade and recommend suspension or expulsion.

L. Procedures following final decision
1. If any student work affected by the finding of Academic Dishonesty has been placed in the library or forwarded to a third party in partial fulfillment of degree requirements, that work may be removed from the library or withdrawn from the third party.
2. A student's official and unofficial transcript may reflect that an XE grade, suspension from the university, expulsion from the university, or degree or certificate revocation was the result of Academic Dishonesty.
3. One year after the completion of a suspension for Academic Dishonesty, a student may petition to have the notation of suspension for Academic Dishonesty removed from his or her transcript. The student must submit a written petition to the Provost which summarizes his or her academic and personal history since the suspension which justifies removing the notation. The decision to remove the notation that the student was suspended for Academic Dishonesty is within the sole discretion and judgment of the Provost.
4. A notation of expulsion from the university or degree or certificate revocation resulting from Academic Dishonesty is permanent.
5. A degree may be revoked if its requirements were not adequately fulfilled.
6. If a degree is revoked and a transcript was forwarded to another institution, ASU will notify the institution of the revocation.

M. Other university policies

The University's Misconduct in Research Policy is independent of the Student Academic Integrity Policy and the Guidelines for Graduate Appeals. Individual conduct may also violate and be subject to review and sanctions under these policies.

Source URL: https://provost.asu.edu/academic-integrity/policy

Links:
[1] https://eoss.asu.edu/dos/srr/codeofconduct

Meet your Academic Integrity Officer

The Academic Integrity Officer for a college/school serves as the lead educator for faculty and students to sustain a culture of academic integrity at ASU and to increase awareness of the university's academic integrity policy [1].

Both student and faculty can contact the Academic Integrity Officer for your College/School to report an academic integrity violation or to ask questions related to academic integrity policies and procedures.

Meet some of your academic integrity officers in this video. They are here for you. They will help you find an answer that avoids problems with academic integrity. We invite you to meet with you academic integrity officer and know who they are.

Meet Your Academic Integrity Officer [2] video on Youtube.

Melanie Alvarez [3]
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Walter Cronkite School of Journalism and Mass Communication
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Lisa M. Anderson [5]
Associate Dean for Academic Affairs
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Source URL: https://provost.asu.edu/academic-integrity/officers

Links:
[1] https://provost.asu.edu/academic-integrity/policy
[2] https://youtu.be/wV9MccsROrM
[3] https://isearch.asu.edu/profile/1051194
[4] mailto:melanie.alvarez@asu.edu

[5] https://isearch.asu.edu/profile/285089
[6] mailto:lmanderson@asu.edu
[7] https://isearch.asu.edu/profile/1640141
[8] mailto:charles.barbee@asu.edu
[9] https://isearch.asu.edu/profile/54393
[10] mailto:karen.bruhn@asu.edu
[11] https://isearch.asu.edu/profile/1982185
[12] mailto:Candice.Carr.Kelman@asu.edu
[13] https://isearch.asu.edu/profile/3454565
[14] mailto:Scarte24@asu.edu
[15] https://isearch.asu.edu/profile/289288
[16] mailto:trisha.eardley@asu.edu
[17] https://isearch.asu.edu/profile/96522
[18] mailto:swoodson@asu.edu
[19] https://isearch.asu.edu/profile/1054838
[20] mailto:elisabeth.gee@asu.edu
[21] https://isearch.asu.edu/profile/274329
[22] mailto:justin.harding@asu.edu
[23] https://isearch.asu.edu/profile/1383336
[24] mailto:mary.ingram-waters@asu.edu
[25] https://isearch.asu.edu/profile/1531384
[26] mailto:morgan.johnson1@asu.edu
[27] https://isearch.asu.edu/profile/761062
[28] mailto:katherine.kenny@asu.edu
[29] https://isearch.asu.edu/profile/972563
[30] mailto:Joanna.Duke@asu.edu
[31] https://isearch.asu.edu/profile/207603
[32] mailto:ida.malian@asu.edu
[33] https://isearch.asu.edu/profile/270266
[34] mailto:rudy.pino@asu.edu
[35] https://isearch.asu.edu/profile/1320122
[36] mailto:carrie.robinson@asu.edu
[37] https://isearch.asu.edu/profile/968601
[38] mailto:Amanda.A.Smith@asu.edu
[39] https://isearch.asu.edu/profile/2603916
[40] mailto:Mary.Teagarden@thunderbird.asu.edu
[41] https://isearch.asu.edu/profile/721880
[42] mailto:thomas.t.williams@asu.edu

Student resources

Over the course of your academic journey here at Arizona State University, you will be challenged to continually build upon your skills and academic abilities. At times, pressure and stress can arise from balancing busy schedules, academic commitments, and personal commitments. In these moments of adversity, it's important that you make ethical decisions and uphold a high standard of integrity for you and for others.

Behavior and actions

What does Sun Devil integrity look like?

To see the behaviors and actions of Sun Devil Integrity, view the infographic below or download the PDF [1].

Sun Devil Integrity

Engages in learning

Chooses to engage in learning in college courses to fully understand the content so he/she can be a knowledgeable professional when entering the career world.

Studies diligently

Studies for exams and assessments diligently and well in advance of exam day. Collaborates with classmates to study for exams by quizzing each other, but completes the exams entirely by himself/herself.

Completes tasks

Breaks long papers into parts (bibliography, outline, introduction, body, conclusion, and further sub-parts) to complete the task in stages ahead of deadlines.

Encourages others

Encourages classmates to do their own work and to learn materials so they can be knowledgeable aspiring professionals.

Takes notes

Diligently takes notes during class and during readings to begin preparing for exams. Studies his/her own notes, making flashcards and study materials, without seeking shortcuts.

Cites sources

Cites all sources that are referenced, paraphrased, and/or quoted in full or in part, using appropriate source citation (such as APA or MLA format).

Reports cheating

Reports cheating to the department's academic integrity officer.

Avoids cheating

Avoids online or contract cheating websites where offers to complete college coursework, in full or in part, are made.

Works in advance

Works in advance of assignment deadlines to plan out projects and papers, and create a checklist and a study plan with a daily or weekly schedule.

Respects Honor Code

Treats instructors and classmates with respect and upholds the ASU Student Honor Code.

ASU Arizona State University

Academic integrity at ASU tutorial

The Academic Integrity at ASU tutorial [2] also will walk you through the importance of academic integrity. Upon completion of the tutorial you will be able to:

- Describe the five types of academic integrity
- Identify the do's and don'ts of academic integrity at ASU

- Recognize the consequences of academic dishonesty

Strategies

Strategies for how to complete your work with integrity

Be informed: Understand ASU's expectations regarding academic integrity by understanding the Academic Integrity Policy [3] and Student Code of Conduct [4].

Ask questions: If you are not sure if something is really cheating, ask your professors, T.A.s, academic integrity officers, or academic advisors.

Seek tutoring: Ask your professors and others in your department for help in finding academic support. Help is available from the following sources:

- On-campus, in-person writing support [5]
- Online support for citations and style manuals [6]
- Tutoring and academic success resources [7]

Stay healthy: Checkout the Live Well at ASU [8] webpages to obtain information, resources and involvement opportunities found in each element are designed to positively impact you academic performance, personal well-being and assist you in reaching your full potential.

Avoiding plagiarism

Plagiarism may be the most common form of academic dishonesty and is often unintentional. Protect yourself by understanding how to avoid plagiarism at Arizona State University using the following resources.

What is plagiarism?

Defining plagiarism

Acts of plagiarism can be glaringly obvious or very subtle. Understanding plagiarism, with all of its intricacies and nuances, provides a foundation of knowledge one can use to make sound decisions and avoid getting caught up in a plagiarism scandal—whether intentional or unintentional.

Document sources appropriately

Lapses in one's technique for paraphrasing ideas, quoting information or citing sources can make way for accusations of plagiarism. Make it a point to learn how to integrate the ideas of others and to document the sources of "borrowed" information appropriately. View citation styles [9].

Avoiding unintentional plagiarism

Keeping track of the deluge of notes and source material can become a mind-boggling undertaking, and mistakes can lead to unintentional plagiarism. Learn about web-based citation management tools at ASU Library's Citation Management Tools [10] library guide.

Self-plagiarism

Quoting words or borrowing ideas without reference to the author is a problem, even if you happen to be the author.

Same story – different outlets

You cannot:

- submit the same paper for different classes.
- use sections of your previous work for a comp exam answer.
- expand on your master's thesis for your dissertation.
- submit the same research article to different journals.

Learn more about the complicated issue of self-plagiarism. Talk to your Academic Integrity Officer about what this means for you.

Recycling is not always good

Not when it comes to your own words. Many researchers use the same literature, research methods or analyses across studies and find it time consuming to write new versions of these sections. Yet blind journal reviewers or electronic cross-checking may indicate you are plagiarizing. Take the time to rephrase and remember you need to cite yourself.

Avoid salami-slicing

Or publishing multiple studies from the same data set. You may need to reduce a complex set of distinct hypotheses into separate papers. If so, let the readers know you did this. If the slices can be combined to make a whole, then it is better to go with the whole salami. To learn more about the nuances of "salami-slicing" in your discipline just pop this term into Google scholar and it will open your eyes.

Self-plagiarism resources

1. Bretag, T. & Mahmud, S. (2009). Self-Plagiarism or Appropriate Textual Re-use? Journal of Academic Ethics, 7:193–205 http://www.springerlink.com.ezproxy1.lib.asu.edu/content/256280445158v940/ [11]
2. Scanlon, P. M. (2007). Song From Myself: An Anatomy of Self-Plagiarism. vol. II. Ann Arbor, MI: Scholarly Publishing Office, University of Michigan Library http://hdl.handle.net/2027/spo.5240451.0002.007 [12] retrieved July 2010

Plagiarism tutorial

Take the Plagiarism Awareness: Don't Stumble Into it Accidentally! [13] tutorial. Upon completion of the tutorial you will be able to:

- Define and recognize plagiarism.
- Explain the importance of citation in the scholarly environment.
- Demonstrated strategies to avoid unintentional plagiarism.
- Recognize and explain the consequences of plagiarism.

Resources for citations

Visit the ASU Library citation styles [14] webpage as a reference for citing resources appropriately using APA, MLA, Chicago, or other citation-style guidelines. The site also offers exercises to help you practice the appropriate use of citations.

Contract cheating

Definition of contract cheating

Contract cheating is a type of academic dishonesty where a student asks another person to complete all or part of their work for them. The student may ask someone they know to write a paper for them, as a favor, or they may pay someone to do it. Regardless of whether money changes hands or not, presenting someone else's work as your own is always cheating.

What are some of the ways contract cheating negatively impacts you and the ASU community?

There are numerous ways in which contract cheating negatively impacts you, your fellow students, and the ASU community. Here are a few:

- You do not acquire any of the knowledge that your instructor intended for you to learn when you have someone else do your work. By doing so, you are taking away your opportunity to grow as a student and professional contract cheating is a very serious academic integrity violation which could result in suspension or expulsion permanently from the University.
- Students who complete their work on their own are disadvantaged by students who are cheating.

- When you ask someone to do work for you, you are asking them to cheat on your behalf. Your request for their help will lead to negative consequences for them as well.

What are some things I can do if I am overwhelmed and notice that I am becoming tempted by contract cheating?

Part of the learning process as a college student is to work your way through challenging times in an honest and ethical manner. Spending time prioritizing your assignments and engaging in good time management practices is ideal. However, you may still experience times where you feel overwhelmed by multiple deadlines and projects.

There are resources to support you:

- Communicate and/or meet with your instructor.
- Schedule an appointment to talk to your advisor.
- Meet with the Academic Integrity Officer [15] in your college/school.
- Utilize your college/school tutoring resources.
- Utilize the ASU resources [16] offered from the Dean of students' office.
- Contact the ASU First Year Success Center [17].
- Contact the International Students and Scholars Center [18].

Remember, it is better to do poorly on an assignment or even fail an examination than it would be to commit an academic integrity violation. The skills you develop working through challenging situations, enhances your resiliency and makes you an even more effective college graduate.

Source URL: https://provost.asu.edu/academic-integrity/resources/students

Links:
[1] https://provost.asu.edu/sites/default/files/academic-integrity-infographic-11x17-web.pdf
[2] https://www.asu.edu/lib/tutorials/rise/academic-integrity/#/
[3] https://provost.asu.edu/academic-integrity/policy
[4] https://www.asu.edu/studentaffairs/studentlife/srr/
[5] https://tutoring.asu.edu/student-services/writing-centers
[6] https://libguides.asu.edu/citing
[7] https://students.asu.edu/academic-success
[8] https://wellness.asu.edu/
[9] https://libguides.asu.edu/citing
[10] https://libguides.asu.edu/CitationManagement
[11] http://www.springerlink.com.ezproxy1.lib.asu.edu/content/256280445158v940/
[12] http://hdl.handle.net/2027/spo.5240451.0002.007
[13] https://www.asu.edu/lib/tutorials/rise/plagiarism-awareness/#/
[14] https://libguides.asu.edu/c.php?g=263988&p=1762933
[15] https://provost.asu.edu/academic-integrity/officers
[16] https://eoss.asu.edu/resources
[17] https://success.asu.edu/
[18] https://issc.asu.edu/

Attendance

The instructor has full authority to decide whether class attendance is required.

Source URL: https://catalog.asu.edu/attendance

Confirmation of participation

Students who receive financial aid are expected to earn their aid by participating in all of their classes every session.

Attending and participating in all of the courses a student is enrolled in not only ensures that they are getting the most out of the college experience, but it also helps students remain eligible for financial aid. Students must show participation in their courses by the 21st day after the course start date. If a student's participation is not confirmed by the 21st day of class, their aid may be reduced or canceled, and they may be required to pay for charges without aid.

How does a student confirm participation?

- **Completing a survey in My ASU.** This is the simplest way to confirm participation. Survey links will be available seven days after classes begin. You can access the surveys you need to complete next to each course listed in the **My Courses** box in My ASU. You will also see a task listed in your Priority Tasks box.

How do I know if my participation still needs to be confirmed?

- A Priority task in **My ASU** will link you to the participation survey(s) you need to complete. You will be notified by ASU email only if your participation **has not** been confirmed. After the 21st day, if you still have not participated in a course, your aid may be reduced or canceled. You will see this change in the **Finances** tab in **My ASU** almost immediately.

Student FAQs

How do I confirm my participation?

Students, follow these steps to complete a quick survey that confirms participation:

- Log in to My ASU [1].
- Visit **My Classes** on the left side of your home page.
- Click the $ icon next to each class.
- Complete the survey.

Click **Submit.**

Why the 21st day?

The Department of Education requires early participation in order to ensure students earn the financial aid eligibility for the class.

Why does ASU confirm participation?

Confirmation of participation helps ASU administer financial aid within the regulations established by the Department of Education. By confirming participation, ASU helps students stay on track to earn financial aid for the semester and keep their financial aid to pay charges.

Do I have to do this every session?

Yes. ASU must confirm participation for each class for each session start.

What happens if I don't participate by the 21st day?

If you are a loan recipient, your loans will be returned if you do not participate in at least one course.

If you are a Pell, Supplemental Education Opportunity Grant (SEOG) or Teacher Education Assistance for College and Higher Education (TEACH) grant recipient, your full grant amount will be canceled if you do not demonstrate participation in **every** course you are enrolled in,

In either case, the funds may be returned, any funds already disbursed to you will need to be paid back, and you will need to pay your charges without that aid.

What happens if my loans were returned and I don't plan on enrolling for any more courses?

If you do not enroll in more courses, you will be responsible for your bill.

My loans were returned but I am going to register for more courses.

If you enroll in more courses, and participation is confirmed by the 21st day of those courses, you will have aid eligibility reinstated for future sessions you are participating in, as long as you're attending at least half time for the semester (6 credits for undergraduates, 5 credits for graduates).

Will I be dropped from courses?

No. You will remain enrolled in the courses, but your aid will be reduced or canceled and you will be billed for your charges.

When does confirmation of participation start?

This requirement applies to all students receiving financial aid, beginning fall 2022.

I was going to participate, I just haven't yet. Can I get my aid back?

If you haven't participated in a course by the 21st day, and are still enrolled in the course, you can still complete a course survey to have your aid reinstated. Course surveys will remain posted in My ASU through the end of the term, as long as you are still enrolled in the course. Aid will be automatically reinstated once you complete the survey.

How does this affect my other financial aid, i.e.: private scholarships, etc.…?

The confirmation of participation standard applies to all financial aid. Check your course list in My ASU [2] and complete the survey for any course that has the dollar sign icon next to it.

Who can I contact with questions?

You can email participation@asu.edu [3] with questions about this federal financial aid policy.

Source URL: https://tuition.asu.edu/financial-aid/confirmation-of-participation

Links:
[1] https://webapp4.asu.edu/myasu/student
[2] https://tuition.asu.edu/financial-aid/my.asu.edu
[3] mailto:participation@asu.edu
[4] https://tuition.asu.edu/financial-aid/confirmation-of-participation

Distance education complaint policies

University policies

The U.S. Department of Education requires that certain information be disclosed in a clear, prominent, user-friendly and easily understood manner. The intent of the requirement is to enable students to make an informed choice.

Learn about complaint filing and resolution at Arizona State University, as well as out-of-state student policies, international students policies, and credit transfer and refund policies below.

ASU complaint procedure

ASU is committed to the success of each student and strives to resolve issues that may arise. All ASU distance education students should attempt to resolve complaints with the university through the university process first before contacting external agencies.

Available processes and links to policies and contacts are listed below.

University process

ASU greatly values the student experience and expects all students to adhere to the Student Code of Conduct [1]. Please refer to the Student Code of Conduct for student expectations and rights.

When an issue is brought to our attention, ASU takes appropriate action to seek resolution.

Academic issues

For academic concerns, a student is encouraged to first speak with the course instructor. If an issue cannot be resolved at that level, a student may contact the appropriate college or school for guidance on how to proceed. Please refer to our list of colleges and schools [2] for more information.

Non-academic issues

For non-academic concerns, please contact the Dean of Students [3]. The Office of Student Rights and Responsibilities is responsible for reviewing and handling student disciplinary incident reports.

Non-academic issues not resolved by the university process

ASU is an institutional participant of the State Authorization Reciprocity Agreement (SARA). If an issue has not been satisfactorily resolved through the university's internal process, a distance education student may submit a non-academic complaint to the Arizona SARA Council by filing a complaint form.

Instructional complaints, such as grade grievances, are not reviewed by the council and should not be submitted for resolution.

Students located in American Samoa, California and Guam may not submit a complaint to the council. These territories and states do not participate in SARA.

Other agencies

A student may contact higher education regulatory agencies, accrediting agencies or consumer protection agencies for specific issues that are unresolved through the university process.

Arizona Board of Regents

If an issue submitted by a student is unresolved and involves a complaint arising under state law, an Arizona Board of Regents policy or any other matter, the student may contact the Arizona Board of Regents [5] (in accordance with 75 Fed. Reg. 66865-66, October 29, 2010).

Accrediting agencies

ASU is accredited by the Higher Learning Commission (HLC) [6]. If an issue is unable to be resolved through the university process, a student may follow the HLC complaint process [7].

For specialized accreditation, please see this page [8].

Consumer protection agencies

A student located outside of Arizona may share an unresolved concern with the appropriate agency where the student is physically located. Please refer to our state authorization page [9] for consumer protection agency contact information by state.

International students

ASU works to provide global access to its online degree programs. While requirements related to authorization and licensure are carefully tracked, **it is the student's responsibility to understand the requirements for whether an online degree will be recognized in the country in which the student intends to work**; how the collection of student data may be used in that country; and whether there are any tax implications in addition to the price of tuition.

Several countries will not formally recognize foreign online degrees, which may have implications for students who later seek to enroll in other educational programs, or for those who seek employment in another country's government or employers requiring specific credentials. **International students considering an academic program that leads to a professional license should first confirm with the appropriate professional licensing board in the country in which the student intends to work as to whether a degree from ASU is recognized when seeking licensure or certification.**

Professional licensure

There are certain careers or fields that require professional license to practice, and licensure requirements vary by state. ASU's professional licensure programs are designed to prepare students for a license in the State of Arizona. Students who wish to practice in a state other than Arizona should check the professional licensure each session for the most up-to-date information.

Professional licensure info [10]

Residency and student location

Course and program availability varies by state. Admission into a program is granted at the time of initial acceptance into the program and is dependent on program availability in the state where the student **is physically located** at the time of admission.

If a student moves to a different state after admission to the program, continuation within the program will depend on the availability of the program within the new state where the student is physically present. Relocating may impact whether a student can remain in the program, meet the state licensure requirements and/or continue to receive financial aid funding.

Prior to considering relocation, please contact your program advisor to discuss authorization and licensure eligibility requirements. **It is the student's responsibility to notify the institution of a change in physical location.**

MILITARY PERSONNEL: The state where military personnel are stationed will determine whether they may enroll or continue in an ASU Online program.

Transfer of credit

ASU does not imply, promise or guarantee that credits earned at the university will transfer to other institutions, since such determinations are made according to the policies of the receiving institution. **If a student is considering transferring to another school, prior to such transfer, the student will need to work with that school to determine if ASU's academic credits will be accepted.**

Some medical schools and other health science schools may require additional information for alternative classroom experiences, such as online courses. Students may be asked to provide detailed information about the course or courses that transfer credit is being sought for and provide evidence to the requesting institution of the textbook and topics covered that can be found in a complete syllabus.

Learn more about being a transfer student [11]

Questions about university policies?

For additional information, please email: askcompliance@asu.edu [12]

Source URL: https://asuonline.asu.edu/about-us/policies/

Links:
[1] https://eoss.asu.edu/dos/srr/codeofconduct
[2] https://www.asu.edu/about/colleges-and-schools
[3] https://eoss.asu.edu/dos/srr/filingreport
[4] https://azsara.arizona.edu/content/complaint-process
[5] https://www.azregents.edu/
[6] https://www.hlcommission.org/
[7] https://www.hlcommission.org/Student-Resources/complaints.html
[8] https://provost.asu.edu/accreditation/programs-specialized-accreditation
[9] https://admission.asu.edu/academics/authorizations
[10] https://admission.asu.edu/academics/licensure
[11] https://asuonline.asu.edu/admission/transfer/
[12] mailto:askcompliance@asu.edu

Drop/add and withdrawal

How to drop, add and withdraw

How to add a class

The easiest way to add a class is by signing into My ASU [1], clicking on the **Registration** link in your **My Classes box**, and selecting **Add**. You may add a class to your schedule up until the drop/add deadline for that class.

Adding a class after the drop/add deadline is considered a Late Add [2] and requires instructor, department and college approval.

Policies and procedures for late adds vary by college/school, click here [2] for detailed instructions.

Dropping/withdrawing from a class

How to drop/withdraw from a class

You may remove a class from your current schedule by dropping/withdrawing from it up until the appropriate deadline for that class. You can request a drop/withdrawal from a class by signing into My ASU [1], clicking on the **Registration** link in your **My Classes box**, and selecting **Drop/Withdrawal**. Please refer to the Tuition Refund Policy [3] to determine if dropping or withdrawing from classes will generate a tuition refund. The timing of when you make your request determines whether it is a drop or a withdrawal.

Before the drop/add deadline

A drop/withdrawal request made prior to the drop/add deadline for your class will be considered a drop. A drop will remove the class from your current schedule with no record of your enrollment in the class on your official transcript.

After the drop/add deadline

A drop/withdrawal request made after the drop/add deadline for your class will be considered a withdrawal. A withdrawal will remove the class from your current schedule and will result in a grade of 'W' on your official transcript. The grade of 'W' has no impact on your GPA.

Swapping classes

How to swap classes

You may simultaneously add a class while dropping another by swapping them. You can swap classes by signing into My ASU [1], clicking on the "Registration" link in your My Classes box, and selecting "Swap." A swap will not drop you from your original class unless your add request was successful. This is especially helpful when attempting to switch from one section of a class to another section of the same class.

Complete session drop/withdrawal

See Complete Session Withdrawal policy [4]

Other types of drops/withdrawals

This section covers special types of drops/withdrawals due to extenuating circumstances (such as a personal mental/physical condition, death or serious illness of a family member or close friend, or military duty/activation), lack of attendance or disruptive behavior.

Medical/compassionate withdrawal

You may be eligible for a medical/compassionate withdrawal if your withdrawal is due to extenuating circumstances such as a serious physical or mental illness (medical withdrawal) or the death/serious illness of a family member (compassionate withdrawal). To request a medical/compassionate withdrawal, you must submit a Request for Documented Medical/Compassionate Withdrawal [5] form along with appropriate documentation to the college of your major. Approved medical/compassionate withdrawals may generate tuition refund if approved within two years of the end of the semester, please see the Tuition Refund Policy [3] for more information.

Military activation withdrawal

A student who is a member (or the spouse of a member) of the National Guard, Reserve, or other U.S. Armed Forces branch and is unable to complete classes because of military activation, may request complete withdrawal or course withdrawals, incompletes, or grades, depending on the timing of the activation and the individual student's needs. Absences resulting from military activation will not adversely affect a student's catalog year.

To receive consideration under the military activation policy, a student should complete a Military Activation Form [6] and return the completed form, along with a copy of the military activation order, to the Pat Tillman Veterans Center. The Pat Tillman Veterans Center staff will coordinate the processing of the form for the student, including verification of orders, counseling on available options, referrals to academic departments, referrals or notification to offices regarding potential refunds, and initiation of processing administrative withdrawals or incomplete grades.

Instructor-initiated drop

Instructors have full authority within departmental or other higher-level policies to decide whether or not class attendance is required. If you are unable to attend class it is your responsibility to notify your instructors and/or follow their attendance policy. If you are absent from class through the second week of classes (for a fall or spring semester) or the first four days of a summer session, your instructors may exercise the option to drop you from the class (this is often done to create an open seat for another student wishing to add the class).

Please be aware that nonattendance will not automatically result in you being dropped from a class. Instructors have the right to exercise this option at their discretion. If you are unable to attend or complete a class it is your responsibility to drop/withdraw from the class prior to the appropriate deadline.

Instructor-initiated drops for nonattendance must be based upon concrete evidence of nonattendance and be signed by the Dean or Dean's Designee in of the college offering the class. The college will notify students that they have been dropped for nonattendance by mail at the student's currently posted mailing address. Nothing in this policy contradicts any other policy regarding attendance, religious holidays or the students' responsibility to notify instructors in case of their absences.

Instructor-initiated withdrawal

Instructor-initiated withdrawals are made when an instructor withdraws a student from a class with a grade of "W" or "E" in cases of disruptive behavior.

Drop/add and withdrawal deadlines

Registration deadlines determine the last day you are able to add, drop or withdraw from classes. Each class has its own set of registration deadlines which are based on the length of the class as well as the session in which the class is held. The drop/add/withdrawal deadlines listed on the Academic Calendar [7] apply to classes scheduled in the regular A/B/C sessions. If your class does not follow the A/B/C session timelines, the drop/add/withdrawal deadlines are prorated. The best way to determine the registration deadlines for a class you are registered for is to sign in to My ASU [1] and click on the calendar icon next to the class in the **My Classes** box. To determine the registration deadlines for a class you have not yet registered for, use the online Class Search and Course Catalog [8] to search for the class and click on the **Dates** column in the search results.

Drop/add deadline

This is the last day to add a class or to drop a class without receiving a grade of "W" on your transcript. Adding a class after the drop/add deadline is considered a Late Add [9] and requires instructor, department, and college approval. All withdrawals after this date will result in a grade of "W" on your transcript for each class withdrawn.

Course withdrawal deadline

This is the last day to request a withdrawal from a class while staying enrolled in other classes in the same session. A withdrawal from a class after this date is only available as part of a complete session withdrawal (see below).

Complete session withdrawal deadline

This is the last day to request a complete withdrawal from a session. As part of a complete session withdrawal you must withdraw from all of your classes in the session. Beginning the first day of the fall and spring semesters undergraduate students are required to contact their college/school [4] to facilitate the withdrawal process.

Editing a class

Some classes allow you to select the number of credit hours, grading basis, and instructor for the class. If you are registered for one of these classes you may edit these options by signing into My ASU [1], clicking on the Registration link in the My Classes box, and selecting Edit.

Registration and Tuition Payment Guide [10]
Enrollment Request Forms [11]
Contact University Registrar Services [12]

Source URL: https://students.asu.edu/drop-add

Links:
[1] http://my.asu.edu/
[2] https://students.asu.edu/lateregistration/all
[3] https://students.asu.edu/tuitionrefundpolicy
[4] https://students.asu.edu/forms/withdrawal
[5] https://students.asu.edu/forms/medical-compassionate-withdrawal-request
[6] https://students.asu.edu/forms/military-activation-form
[7] https://students.asu.edu/academic-calendar
[8] https://webapp4.asu.edu/catalog/
[9] https://students.asu.edu/late-registration
[10] https://students.asu.edu/registration-and-tuition-payment-guide
[11] https://students.asu.edu/forms/registration
[12] https://students.asu.edu/contact/office-university-registrar

Complete session withdrawal

A complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences.

Undergraduate students

Beginning the first day of the fall and spring semesters, you are required to connect with your college/school of your major to facilitate the withdrawal process. Select your college or school below for instructions regarding the complete withdrawal process.

The College of Liberal Arts and Sciences [1]
Edson College of Nursing and Health Innovation [2]
Herberger Institute for Design and the Arts [3]
Ira A. Fulton Schools of Engineering [4]
Mary Lou Fulton Teachers College [5]
New College of Interdisciplinary Arts and Sciences [6]
College of Integrative Sciences and Arts [7]
College of Global Futures [8]
College of Health Solutions [9]
Thunderbird School of Global Management [10]
Walter Cronkite School of Journalism and Mass Communication [11]
Watts College of Public Service and Community Solutions [12]
W. P. Carey School of Business [13]
University College [14]

During the fall or spring semester, submit your withdrawal request by signing in to My ASU [15], click on the **Registration** link in your **My Classes** box, and select **Drop/Withdrawal.** Your request will be electronically routed to your college or department for review and next steps. If the semester has not yet begun, or you wish to withdraw from a summer session, sign in to My ASU [15], click on the **Registration** link in your **My Classes** box, and select **Drop/Withdrawal** and follow the steps to withdraw from your classes.

Graduate students

You may request a complete session drop/withdrawal by signing in to My ASU [15], clicking on the **Registration** link in your **My Classes** box, and selecting **Drop/Withdrawal**, or by submitting the Complete Session Withdrawal [16] form to any University Registrar Services office location [17]. Be sure to review the Graduate College's continuous enrollment policy [18] and discuss your withdrawal with your program advisor, if needed.

Please refer to the Tuition Refund Policy [19] to determine if dropping/withdrawing from classes will generate a tuition refund.

ASU support resources & options

Withdrawing from one or two classes (course withdrawal)

After the drop/add deadline through the course withdrawal deadline for a class, students can withdraw from the class while remaining enrolled in other classes. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements.

Medical/compassionate withdrawal

Medical/Compassionate withdrawals are available for students needing to withdraw from one or more classes due to a personal mental/physical health condition or the death or serious illness of a family member/close friend. More information concerning medical/compassionate withdrawal requests can be found here [20].

Tutoring & academic support services

ASU tutoring centers provide a variety of services to help students become better learners and gain the confidence and skills to achieve their academic goals. Services include: writing centers, math tutoring, subject area tutoring, and supplemental instruction. More information about tutoring centers can be found here [21].

ASU Counseling Services

Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers, regardless of their college affiliation. ASU Counseling Services locations and contact information can be found here [22].

"I" (Incomplete) grade

If approved, a mark of "I" (Incomplete) may be given by the instructor when students are otherwise doing acceptable work but are unable to complete the class because of illness or other conditions beyond their control. Students interested in incompletes should discuss this option with their instructors and arrange for the completion of the class requirements.

Possible consequences resulting from a complete session withdrawal:

- **Financial Aid:** Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal on financial aid depends on when the withdrawal is dated and the type of financial aid. More information concerning the return of financial aid is available here [23].
- **Tuition and Refunds:** The date of a complete withdrawal will determine whether or not a tuition refund will be generated. Please review the Tuition Refund Policy [24] for more information.
- **Health Insurance:** Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- **Residential Life:** Students who live on campus should contact their residential hall community staff to determine what impact withdrawing will have on their eligibility to live on campus, to complete a License Agreement Release (LAR) form, and to arrange an appointment to officially check out. More information concerning housing cancellations is available here [25].
- **Veteran Benefits & Certifications:** Students should contact the appropriate Veteran Benefits & Certifications office to discuss information regarding veterans' educational benefits and/or military activation. Veteran Benefits & Certifications office locations and contact information can be found here [26].

For more information on Complete Withdrawals, contact University Registrar Services at registrar@asu.edu [27] or 480-965-3124.

Source URL: https://students.asu.edu/forms/withdrawal

Links:
[1] https://students.asu.edu/Session_Withdrawal/the-college
[2] https://students.asu.edu/Session_Withdrawal/CONHI
[3] https://students.asu.edu/Session_Withdrawal/Herberger
[4] https://students.asu.edu/Session_Withdrawal/Fulton
[5] https://students.asu.edu/Session_Withdrawal/MLFTC
[6] https://students.asu.edu/Session_Withdrawal/New_College
[7] https://students.asu.edu/Session_Withdrawal/CISA
[8] https://students.asu.edu/Session_Withdrawal/CGF
[9] https://students.asu.edu/Session_Withdrawal/CHS
[10] https://students.asu.edu/Session_Withdrawal/Thunderbird
[11] https://students.asu.edu/Session_Withdrawal/Cronkite
[12] https://students.asu.edu/Session_Withdrawal/COPP
[13] https://students.asu.edu/Session_Withdrawal/WP_Carey
[14] https://students.asu.edu/Session_Withdrawal/UC
[15] https://my.asu.edu
[16] https://students.asu.edu/sites/default/files/completesessionwithdrawal_nov5_2020.pdf
[17] https://students.asu.edu/contact/office-university-registrar
[18] https://graduate.asu.edu/current-students/policies-forms-and-deadlines
[19] https://tuition.asu.edu/billing-finances/tuition-refund
[20] https://students.asu.edu/forms/medical-compassionate-withdrawal-request
[21] https://students.asu.edu/academic-success
[22] https://eoss.asu.edu/counseling
[23] https://tuition.asu.edu/policies/fa-withdrawal
[24] https://students.asu.edu/tuitionrefundpolicy

[25] https://housing.asu.edu/contact-us/faq
[26] https://veterans.asu.edu/
[27] mailto:registrar@asu.edu

Enrollment and degree verification

Arizona State University is frequently asked to certify a student's earned degrees and/or enrollment status (full-time, part-time, etc.). Enrollment status is determined by the number of credits for which a student is enrolled during the term in which certification is requested. Courses a student has withdrawn from are not included. Note that classes taken for audit are included in total enrolled hours.

How to obtain an enrollment or degree Verification

1. Log in to My ASU [1] and navigate to the **My Classes** box
2. Select **Grades & Transcripts**
3. Select **Transcripts & Test Scores**
4. Select **Enrollment Verification**

You will be able to select from several options including your major, earned degrees, and semester and cumulative GPA, and print out the Enrollment Verification as a PDF.

If you need special information on your Enrollment Verification, or if you need a specialty verification form completed such as the Canadian or Alaskan form, submit an Enrollment Verification Request [2] form at any University Registrar Services location [3] (photo ID required for in-person visits). Requests by email, mail or fax **must** include the student's verifiable signature. Please allow up to two business days for processing.

For students that attended the **Thunderbird School of Global Management prior to December 31, 2014**, information on how to obtain verification of your Thunderbird coursework or degree can be found here [4].

If you have questions or need additional information, please contact University Registrar Services, Records & Enrollment Services at registrar@asu.edu [5].

Enrollment & degree verification for outside agencies and third parties

ASU has contracted with the National Student Clearinghouse [6] to process all enrollment and degree verification requests for employers, employment agencies, background search firms, and various other businesses that offer products or services based on the individual's status as an enrolled student.

- If you need assistance, contact National Student Clearinghouse [6] directly at 703-742-4200.
- If the National Student Clearinghouse can confirm the degree or enrollment, the response is immediate and requestors will be able to print or obtain a PDF version of the verification.
- Enrollment verifications for each term will be available starting the first week of classes for that term.
- A fee will be charged for this service.

Full-time and half-time credit requirements for enrollment verification purposes

Fall & Spring semesters

Status	Undergraduate	Graduate
Full time	12+ credit hours	9+ credit hours
3/4 time	9 - 11 credit hours	7 - 8 credit hours
Half time	6 - 8 credit hours	5 - 6 credit hours
Less than half time	1 - 5 credit hours	1 - 4 credit hours

Summer sessions

Status	Undergraduate	Graduate
Full time	4+ credit hours	3+ credit hours
Half time	2 - 3 credit hours	2 credit hours
Less than half time	1 credit hour	1 credit hour

Research and Teaching Assistants: For fall and spring semesters research and teaching assistants must be enrolled in at least six credit hours to be considered full time. For summer sessions they must be enrolled in at least two credit hours to be considered full time and one credit hour to be considered half time.

Financial Aid Recipients: Full-time and half-time credit requirements may be different for financial aid disbursement purposes. Please review the Award Disbursement Rules [7] to determine the required enrolled hours needed for financial aid disbursement.

Co-operative education

Students are required to be enrolled in a designated co-op course within their college for a minimum of one credit hour during the co-op semester. Co-op students will be identified for enrollment verification purposes as being in full-time status. This will include verification to the National Student Clearinghouse for loan deferment purposes. The co-op experience must meet the clock time in hours of work to meet the full- time enrollment requirement, as monitored by the student's college. A credit hour is defined as a minimum of 45 clock hours. Please review the Award Disbursement Rules [7] to determine the required enrolled hours needed for financial aid disbursement.

Source URL: https://students.asu.edu/enrollment-verification

Links:
[1] https://webapp4.asu.edu/myasu/
[2] http://students.asu.edu/forms/enrollment-verification
[3] http://students.asu.edu/contact/office-university-registrar
[4] https://asu.secure.force.com/kb/articles/FAQ/How-Do-I-Request-Thunderbird-School-of-Global-Management-Enrollment-and-Degree-Verification/?q=thunderbird+enrollment&l=en_US&fs=Search&pn=1
[5] mailto:registrar@asu.edu

[6] http://www.studentclearinghouse.org/
[7] https://students.asu.edu/policies/census

Glossary of academic terms

University Academic Good Standing (undergraduate) [1]

2.00 cumulative GPA

- College-specific academic good standing rules can be developed. Example: W. P. Carey Academic Good Standing. Use the college name in a policy title to differentiate it from university policy.

University Academic Warning

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester (fall or spring) is considered to be in the status of university academic warning.

University Academic Probation [2]

An undergraduate student is placed on university academic probation if, at the end of a semester (fall or spring) that is not the student's first semester at ASU, the student has a cumulative GPA of less than 2.00, or the student received an academic warning in the prior term.

- Colleges may establish specific criteria for their own academic probation status, to be defined as "College Name" academic probation. The college academic probation status may take the place of university academic probation but may not replace the university academic warning. Example: Fulton Schools of Engineering academic probation.

University Continuing Academic Probation [2]

A student is said to be on university continuing academic probation each semester (fall or spring) that student (previously on university academic probation) earns a semester GPA greater than 2.00, but yet has a cumulative GPA of less than 2.00.

- Colleges may establish individual time limits and specific semester GPA requirements for continuing academic probation, to be defined as "College Name" continuing academic probation.

Co-enrolled Continuing Probation program [3]

Select disqualified students may participate in the co-enrolled continuing probation program at the discretion of their college or school. Under this program, the student takes UNI 220 Academic Refresher plus one ASU course selected by the student's advisor, and the student co-enrolls at a Maricopa Community College with a schedule selected in consultation with the ASU advisor. If, upon completion of the term, the student has a combined semester cumulative GPA of 2.50, the student may continue regular enrollment at ASU. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Ineligible

A student who is in university academic good standing, but is ineligible to remain in their major based on college specific academic requirements. This status was phased out during the 2015-2016 academic year with new tracking requirements and university academic good standing policies.

Disqualified [4]

A student on university academic probation who does not earn a semester GPA of 2.00 or greater (fall or spring) will be disqualified. Students who are disqualified are not permitted to enroll at ASU in any subsequent fall or spring semester unless they are readmitted.

Satisfactory progress [5]

This term is used in different ways for students, such as with regard to financial aid, sponsored international programs, athletics and veterans' benefits. Satisfactory progress is a complex calculation specific to major and situation. This term does not refer to academic standing.

Progression [5]

This term refers to how a student meets milestones and degree requirements in movement toward achieving degree completion. This term does not refer to academic standing.

Reinstatement [6]

A student who has previously been academically disqualified and seeks to return either for a fall or spring semester a) immediately or b) after a period of absence and has met college admissions standards.

Quick re-entry [7]

The term quick re-entry refers to a streamlined process in which students do not need to submit a new application or application fee if they are undergraduate degree-seeking students who previously attended ASU but have not been enrolled at ASU for up to seven consecutive fall or spring semesters. Students absent on military deployment, on service for official church missions, for foreign aid service of the Federal government or for permanent disability reasons should follow leave of absence [8] procedures.

Readmitted [7]

Students not eligible for quick re-entry (i.e., because they have not been enrolled at ASU for seven or more semesters, completed their academic program or were academically disqualified), must apply for readmission and submit applicable fees. Candidates for readmission who are not in academic good standing are subject to college review. A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible.

eAdvisor [9]

A suite of tools used to monitor student progression towards degree completion including Degree Search, major maps and the tracking of critical and necessary requirements (8 semester tracking application).

Major map

A major map is an eight-semester, optimal course plan that outlines a recommended sequence of courses, enabling full-time students to graduate in four years. The major map is posted on a student's My ASU in the My Programs box under Degree Progress.

eAdvisor tracking

ASU's eAdvisor tracking outlines critical courses, GPA requirements and milestones that predict success in each major and tracks students' progress toward meeting them. Sometimes called critical tracking, eAdvisor tracking evaluates how a student's completed courses meet degree requirements in a specific term, including both critical and necessary courses. Students who have note completed critical course requirements for two consecutive fall or spring semesters may be required to change their major.

Critical requirement [10]

As identified on the major map, as a curricular or noncurricular degree requirement that the faculty have identified as critical predictors of success in a specific major. Critical requirements can be courses, grades, GPAs or non-curricular requirements such as submitting a fingerprint clearance card. Critical requirements appear in terms 1-4.

Necessary requirement

As identified on the major map, as a curricular or noncurricular degree requirement that the faculty have identified as necessary for timely completion of degree requirements. Necessary requirements appear in terms 5-8.

Off track

This refers to a student who has not met one or more critical requirements as stated in terms 1-4 of their major map in a given fall or spring semester.

Twice off track

This refers to a student who has not met one or more critical requirements as stated in terms 1-4 of their major map in two consecutive fall or spring semesters. Students who are twice off track may be required to change their major.

On track

This refers to a student who has met all critical requirements identified in terms 1-4 of the major map in the current term and previous terms against which they are being evaluated (as identified in the major map).

On track to graduation

This refers to a student who has met all necessary requirements (terms 5-8) in the current term and necessary or critical requirements in previous terms against which they are being evaluated (as identified in the major map).

Off track to graduation

This refers to a student who has not met one or more necessary requirements (terms 5-8) as stated in their major map in a given fall or spring semester.

Academic Status Reports

ASRs allow faculty to provide weekly feedback to students regarding class performance. Through My ASU [11] students see an indicator notifying them that they have received an ASR, which can include suggested follow-up items and information about academic resources so that they can get the help they need to be successful.

Academic support team

Each student has an academic advising committee that helps them set personal academic goals, understand policies and create strategies for staying on track toward graduation. The committee is listed on the student's My ASU page. Also included is information about how advising services work in the student's department, how to get answers to advising questions and how to make an appointment with an advisor.

Milestone

This is a curricular or noncurricular requirement that needs to be completed by a specific point in time. Examples: portfolio review or audition.

Progress reports

Progress reports from eAdvisor allow students to track their progress through audits available on My ASU [12]. The DARS Graduation Audit outlines a complete list of degree requirements, including university graduation requirements, General Studies and major requirements. The DARS Graduation Audit is the official record used to verify degree completion. A major map is an eight-semester, optimal course plan that outlines a recommended sequence of courses, enabling full-time students to graduate in four years.

In addition to traditional progress reports, eAdvisor students can run a critical requirement audit and view their tracking status in My Major Map at any time during the semester. My Major Map, also available on My ASU, provides students the ability to track how their courses are meeting degree requirements as well as their progress toward completing other critical requirements (GPAs and milestones required to stay on track). A student's record may change multiple times during the semester because of dropped courses, transferred credit, completed milestones or changed majors. The system accounts for changes to student records and updates eAdvisor status, My Major Map and the DARS Graduation Audit nightly.

Priority tasks

eAdvisor places important notes and reminders in the Priority Tasks box on students' My ASU page. If students become off track, an advising hold is placed on their record. While they may drop and withdraw from a course, they will not be able to add courses to the current semester. Students with off-track status will not be able to register for future fall and spring semesters until they have contacted their advisor and discussed strategies for getting back on track. The advisor will then remove the hold. Other tasks, from student support areas such as Financial Aid and the Registrar's Office will also appear in this box.

Concurrent degree [13]

Internal to the university, two degrees, same level, same time, and may include some shared courses. Concurrent degrees can either be preapproved combinations or unique combinations added by the student via petition. Examples: JD/PhD or BS/BSE. Two diplomas are awarded.

Multiple concentration

Internal to the university, one degree awarded, same level, same time, some shared courses. For undergraduate degrees with multiple concentrations, students may not share coursework between the core concentration curricula. Multiple concentrations are typically added by petition. Example: Business (Global Leadership), BA and Business (Sustainability), BA.

Joint degrees

Joint programs, or jointly conferred degrees, are a single program of study offered by more than one college at ASU that provide opportunities for students to take advantage of the academic strengths of two academic units. Upon graduation, students are awarded one degree and one diploma conferred by both colleges. Both colleges will appear on the transcript and diploma.

Dual degree

This is an offering that is both internal and external to ASU. The student pursues two degrees simultaneously, one with ASU and one with an external institution. Example: ASU and Mayo Clinic.

Accelerated bachelor's/master's (4 + 1) [14]

The 4+1 accelerated bachelor's and master's degrees are designed by the academic units to provide select high-achieving undergraduate students with the opportunity to combine advanced undergraduate coursework with graduate coursework to accelerate graduate degree completion. These programs allow accelerated students to obtain a bachelor's degree and a master's degree within five years. These programs are preapproved combinations and are internal to ASU.

Accelerated bachelor's/master's degree (3 +2)

This is a preapproved pathway to achieving a bachelor's degree and a graduate level degree in five years. These are pre-established relationships, typically with international institutions.

Experiential Learning

Experiential learning such as internships and co-ops are integral to the preparation of an ASU graduate.

- An **internship** is a structured practical experience which allows students to gain work-based skills with the possibility of earning academic credit. Students follow a contract or a plan and are supervised by faculty or practitioners in the career field. Credit-bearing internships are an approved way to meet elective requirements and can count towards the University 120 hour graduation requirement at the undergraduate level. The department and individual faculty determine whether or not a specific internship experience meets the requirements of the unit and how many credit hours should be awarded.
- A **cooperative education program**, commonly known as a co-op, is a structured method of combining classroom-based education with practical work experience. Co-ops allow students to earn academic credit for structured job experience as well as a paycheck to help finance their college education. Co-ops are a joint venture between a college or university, a selected employer, and the student.

Grades and grading policies

Credit enrollment

The semester hour is the unit on which credit is computed. It represents one 50-minute class exercise per week per semester. To obtain credit, a student must be properly registered and must pay fees for the course.

Grading options and definitions

Ordinarily a grade of "A+," "A," "A-," "B+," " B," "B-," "C+," "C," "D," or "E" is given upon completion of a course, unless another grading option such as "audit" or "pass/fail" is indicated at the time of registration.

Grading options cannot be changed after the close of the drop/add period.

The instructor of a course has full discretion in selecting which grades to use and report from the available grading options on the grade roster.

Fall 2004 and after[1]			
Grade	Undergraduate definition	Graduate definition	Value
A+			4.33
A	Excellent	Excellent	4.00
A-			3.67
B+			3.33
B	Good	Good	3.00
B-			2.67

C+			2.33
C	Average	Passing	2.00
D	Passing	No Graduate Credit	1.00
E	Failure	Failure	0.00
EN	Failing Never Participated[2]	Failing Never Participated[2]	0.00
EU	Failing Did Not Complete[3]	Failing Did Not Complete[3]	0.00
I	Incomplete	Incomplete	—
NR	No Report	No Report	—
P	Pass	n/a4	—
W	Withdrawal	Withdrawal	—
X	Audit	Audit	—
Y	Satisfactory	Satisfactory	—
Z	Course In Progress	Course In Progress	—
XE	Academic Dishonesty	Academic Dishonesty	0.00

[1] Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00. Questions about the grade scales may be referred to the University Registrar Services at registrar@asu.edu [1]. For grading scales prior to fall 2004 click here [2].

[2] Effective fall 2016 and later.

[3] Effective fall 2019 and later.

[4] Not applicable for graduate classes.

Law grading [3]				
Fall 2009 and after			Fall 2009 and after additional grades	
A+		4.33	CR	Credit
A	Excellent	4.00	NR	No Report
A-		3.67	P	Pass
B+		3.33	X	Audit

B	Good	3.00	W	Withdrawal
B-		2.67	I	Incomplete
C+		2.33	H	Honors
C	Average	2.00	HH	High Honors
D	Deficient	1.00	XE	Academic Dishonesty
E	Failing	0.00		
EN	Failing Never Participated[4]	0.00		
EU	Failing Did Not Complete[5]	0.00		

[4] Effective fall 2016 and later.

[5] Effective fall 2019 and later.

For grading scales prior to fall 2009, click here [2].

Incomplete (I)

A mark of "I" (incomplete) is given by the instructor when you are otherwise doing acceptable work but are unable to complete the course because of illness or other conditions beyond your control. You are required to arrange with the instructor for the completion of the course requirements. The arrangement is recorded on the Request for Grade of Incomplete form [4]. Do not re-register or pay fees to complete the course. The completion date is determined by the instructor but may not exceed one calendar year from the date the mark of "I" is recorded. When you complete the course, the instructor must submit an online grade change request. If you receive an "I" in an undergraduate course in the fall 1983 or thereafter, your grade will be automatically changed to a failing grade "E" if you do not complete the course within one calendar year. If you receive an "I" in a graduate course (500-level or above) your "I" grade will become a permanent part of your transcript if you do not complete the course within one year, and you will have to reregister and pay fees to repeat the course for credit. Marks of "I" are changed to a grade of "E" (0.00) for purposes of evaluating graduation requirements for undergraduate students.

No report (NR)

The "NR" grade simply means that a grade has not yet been reported. Once final grade processing takes place for the semester, most classes will have an actual grade posted instead of the "NR". If an "NR" grade appears for a course in a prior semester, you should contact the instructor of the course to find out why a final grade was not recorded.

Pass (P)

The "P" grading option is used to indicate a passing grade in a class when an individual student receives permission from both the class instructor and his/her college or school. For further information about this grading option, contact your advisor. If you earn a "P" grade, you will earn hours, but the grade is not used for computing your GPA.

A "P" grade should only be assigned when an individual student receives permission to take a course as pass/fail. Permission is recorded on the Pass/Fail Enrollment form [5]. If the course only awards pass/fail grades, the "Y" grade should be utilized to indicate successful completion of the course.

Withdrawal (W)

If you withdraw from a class after the first week of school, you will receive a mark of "W" on your transcript. You earn no credit or grade for withdrawn classes.

Audit (X)

A student may choose to audit a course, in which case the student attends regularly scheduled class sessions, but no credit is earned. The student should obtain the instructor's approval before registering and paying the fees for the course. Selected courses may not be audited. Veteran students using education benefits should see Veterans Services.

The mark of "X" is recorded for completion of an audited course unless the instructor determines that the student's participation or attendance has been inadequate, in which case the mark of "W" (withdrawal) may be recorded. This grading option may not be changed after the close of the drop/add period. The "X" is not included in earned hours and is not computed in the GPA.

Satisfactory (Y)

The "Y" grade is generally used as a grade for successfully completed internships, projects, readings and conference, research, seminars, theses, dissertations, and workshops. You earn hours for a "Y" grade, but the grade is not used for computing your GPA.

Course in progress (Z)

The "Z" grade is typically used for courses where work will not be completed within one semester's time, such as research, thesis, and dissertation. Once coursework is complete, your instructor will submit a grade change to assign an appropriate grade. Some courses, such as continued registration, do not earn credit and the "Z" grade will remain on your transcript.

Failing never participated (EN)

The grade of "EN" denotes failure due to the student never participating in a course and is treated the same as an "E" for the purposes of GPA, course repeatability, and academic standing determination. The "EN" grade assists ASU in determining a student's financial aid eligibility. For federal aid purposes, we must determine if a student participated in all courses for which they received federal aid. When a student does not participate, the financial aid office must recalculate the student's eligibility. A grade of "EN" will display on the student's transcript beginning fall 2016. Please review the "Grades and Grade Selection" section of the Grade Posting FAQs [6] page for more information about the "EN" grade.

Failing did not complete (EU)

The grade of "EU" should be used to indicate that a student never officially withdrew from the course, but failed to participate in course activities through the end of the course. The EU grade should be used when, in the opinion of the instructor, the student's completed assignments, course activities or both were insufficient to make normal evaluation of academic performance possible because the student stopped participating in the course. This grade distinction is critical to federal financial aid administration. A grade of "EU" will display on the student's transcript beginning fall 2019. Please review the "Grades and Grade Selection" section of the Grade Posting FAQs [6] page for more information about the "EU" grade.

Academic dishonesty (XE)

The grade of "XE" denotes failure due to academic dishonesty and is treated the same as an "E" for the purposes of GPA, course repeatability, and academic standing determination. A student may not avoid any penalty for academic dishonesty by withdrawing from a course. A student may be reinstated to a course to receive a penalty of a reduced or failing grade or XE. The grade of XE may only be assigned in accordance with ASU's Student Academic Integrity Policy, and not as part of the normal end of the semester grading process.

Grading resources for faculty and staff

Support and roster contacts [7].

Grade reports

You can obtain your final grades after every semester by using any of the following methods:
- To view or print your grades, sign in to My ASU [8] using your ASURITE UserID and Password.
- Submit a request for an official grade report that will show the grades for the last semester in which grades have be processed. You may submit a request to any registration site [9].

Grade changes

Ordinarily the instructor of a course has the sole and final responsibility for any grade reported. Once the grade has been reported to the registrar, it may be changed upon the authorization of the faculty member who issued the original grade, a department chair, and the dean of the college concerned. This policy also applies to the grade of "I" (incomplete).

Grade changes are submitted online and receive approval by the department chair (or designee) and the dean of the college (or designee) in which the course is offered. Once approvals are received, the new grade will be reflected on your transcript immediately.

Repeating courses

An undergraduate course taken by undergraduate students at ASU may be repeated for credit if the grade or mark of "D", "E", (including EU, EN, and XE) "W", "X" is received. To be eligible for the deletion of "D" or "E" grades from calculations of the GPA, the course must be repeated at ASU. Independent Learning courses may not be used to repeat "D" or "E" grades. Students who have graduated are not eligible to delete the grade for a course taken before the award of the ASU bachelor's degree. Undergraduate courses in which grades of "D" or "E" (including EU, EN, and XE) are received may be repeated only once. Generally, students may not repeat an undergraduate course for credit when a grade of "C" or higher is earned.

For additional information on repeating courses please refer to the following policies:

SSM 203-06: Deletion of a "D" or "E" Grade Received by an Undergraduate in an Undergraduate Course [10]
SSM 203-05: Duplication of Credit by an Undergraduate Student [11]
Graduate students see the ASU Graduate Policies and Procedures [12].

Financial aid & repeating courses

Federal regulations limit the number of times a student may repeat a course and receive federal financial aid for that course.
- A student may receive federal financial aid when repeating a course that was previously failed.
- A student may receive federal financial aid to repeat a previously passed course (with a D or better) one additional time, whether or not a student received federal financial aid for an earlier enrollment of the course.
- Once a student has completed any course twice and earned a passing grade (with a D or better) they are no longer eligible to receive federal financial aid for that course
- If a student retakes a course that is no longer eligible for financial aid, the units are excluded from the total enrollment calculated for financial aid and the student's financial aid will be adjusted to exclude these units.

Grade adjustments will be processed automatically after the grades are reported each term. For additional information on repeating a course or the deletion process, contact Records & Enrollment Services at registrar@asu.edu [1]

Demonstration of mastery

An undergraduate student who receives a "D" in a course in which a "C" or higher is required may use the grade from an equivalent course taken elsewhere to demonstrate mastery at the "C" or higher level. However, the course may neither be transferred to ASU (since credit has already been given for the course) nor computed in the student's GPA.

Grades appeal

ASU has informal and formal processes students may follow to appeal a grade. See the Catalog [13].

GPA calculation

The following grades and their values are used in computing your semester and cumulative ASU GPA:

Grade*	Grade point value
A+	4.33
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
D	1.00
E**	0.00
*Other grades (W, X, Y, etc.) are not included in the GPA calculation.	
**Grades EN, EU, XE, E1, E2, E3, E4, E5, and E8 are equivalent to an E for GPA calculation purposes.	

To calculate your GPA, follow these steps below, or use the GPA Calculator [14].

1. Multiply the **grade point** value by the number of credit hours for which the course was taken to determine the honor points.
2. Add together all the **honor points**.

3. Add together all the credit hours that received one of the above grades to determine **net hours**.
4. Divide the honor points by the net hours to calculate the GPA.
   Honor Points ÷ Net Hours = GPA
   GPAs are rounded to the nearest 100th of a decimal point.
   Semester GPA is based on semester net hours. Cumulative GPA is based on total net hours.
   Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00.

Example

Course	Credit hours	Grade	Grade point value	Honor points
ENG 101	3.0	A	4.00	12.00
MAT 117	3.0	B-	2.67	8.01
ECN 111	3.0	E	0.00	0.00
Total:	(net hours) 9.0			20.01
20.01 ÷ 9.0 = 2.22 GPA				

Credit by examination

Students may receive credit for an ASU course by taking an examination in place of the actual course. Learn more [15].

Source URL: https://students.asu.edu/grades

Links:
[1] mailto:registrar@asu.edu
[2] https://students.asu.edu/prior-grading-scales
[3] https://students.asu.edu/grades/#_edn1
[4] https://students.asu.edu/forms/incomplete-grade-request
[5] https://students.asu.edu/forms/application-pass-fail-enrollment
[6] https://students.asu.edu/grade-posting-faq
[7] https://students.asu.edu/facultycenter
[8] https://my.asu.edu/
[9] https://students.asu.edu/node/931
[10] http://www.asu.edu/aad/manuals/ssm/ssm203-06.html
[11] http://www.asu.edu/aad/manuals/ssm/ssm203-05.html
[12] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[13] http://catalog.asu.edu/appeal
[14] https://students.asu.edu/gpa-calculator
[15] http://catalog.asu.edu/credit_exam

Grades - University policy for student appeal procedures on grades

The steps outlined here, beginning with step A, must be followed by any student seeking to appeal a grade. Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring) regardless whether the student is enrolled at the university. It is university policy that students filing grievances and those who are witnesses are protected from retaliation. A student who believes they are a victim of retaliation should immediately contact the dean of the college or school in which the course is offered.

Informal

A. The aggrieved student must first undergo the informal procedure of conferring with the instructor, stating any evidence and reasons for questioning that the grade received was not given in good faith. The instructor is obliged to review the matter, explain the grading procedure used and show how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course (regular faculty member or director of the course sequence).

B. If the grading dispute is not resolved in step A, the student may appeal to the department chair or other appropriate chair of the area within the department (if any). The department chair may confer with the instructor to handle the problem. Step B applies only in departmentalized colleges or schools.

C. If these discussions are not adequate to settle the matter to the complainant's satisfaction, the student may then confer with the dean of the college or school concerned (or the dean-designate) who will review the case. If unresolved, the dean or designate may refer the case to the college or school academic grievance hearing committee to review the case formally. In most instances, however, the grievance procedure does not go beyond this level.

Formal

The following procedure takes place after steps A, B and C (or A and C) have been completed.

D. Each college or school has on file in the office of the dean (and in each department of the college or school) the procedures and composition of the undergraduate or graduate academic grievance hearing committee for student grievances. Each college or school committee shall operate under grievance procedures as stated, which satisfy due process requirements. The committee shall always meet with the student and the instructor in an attempt to resolve the differences. At the conclusion of the hearing, the committee shall send its recommendations to the dean.

E. Final action in each case will be taken by the dean after full consideration of the committee's recommendation. Any recommended grade changes may be made by the dean. The dean shall inform the student, instructor, department chairperson (if any), registrar and grievance committee of any action taken.

Source URL: https://catalog.asu.edu/appeal

Professional licensure degree programs

Arizona State University offers degree programs that lead to professional licensure with the State of Arizona and may allow graduates to be eligible for licensure in other states. Students and prospective students are strongly encouraged to contact the state's licensure entity where they intend to practice using the links provided to review all licensure and certification requirements imposed by the state(s) of choice. This information is provided per U.S. Federal Regulations, 34 CFR § 668.50 (2016 Rules) [1], 34 CFR § 668.43 (2019 Rules) [2], and in compliance with the State Authorization Reciprocity Agreement [3] (SARA) Manual. **These disclosures are strictly limited to the university's determination of whether the degree programs, if successfully completed, would be sufficient to meet the educational licensure or certification requirements in a state.** States vary in which professions are required to be licensed and how licensure functions. The terms related to licensure and certification, among others, also vary by state as well. ASU cannot provide verification of an individual's ability to meet licensure or certification requirements unrelated to its educational programming. Some states require individuals to complete additional requirements that are unrelated to educational prerequisites.

These disclosures do not provide any guarantee that any particular state licensure or certification entity will approve or deny an application. Additionally, these disclosures do not account for changes in state law or regulation that may affect an application for licensure that occurs after these disclosures have been made. **Students should check the Professional Licensure material before registering for classes each session for the most up-to-date information.** Arizona State University is a member of the National Council State Authorization Reciprocity Agreements (NC- SARA) [3] which allows the university to provide distance learning programs (both online and learning placements) and coursework to students located in states other than Arizona. Membership does not grant reciprocity or exemption from state professional licensing requirements. Licensing requirements in Arizona may not be recognized as sufficient to obtain a license in other states.

ASU shall not be held liable if a student is unable to qualify for licensure or certification in any jurisdiction. Relocating to a different state after admission into a degree program may impact whether a student can remain in the degree program, meet the state licensure requirements and/or continue to receive financial aid funding. Prior to considering relocating, it is recommended that students contact their program advisor to discuss authorization and licensure eligibility requirements. **It is the student's responsibility to notify the institution of a change in physical location.**

Licensure by college

Select the college/school and then the program.

[Archivist's note: In-page selector tool for colleges and programs unable to be archived]

Source URL: https://admission.asu.edu/academics/licensure

Links:
[1] https://www.federalregister.gov/documents/2016/12/19/2016-29444/program-integrity-and-improvement
[2] https://www.federalregister.gov/documents/2019/11/01/2019-23129/student-assistance-general-provisions-the-secretarys-recognition-of-accrediting-agencies-the
[3] https://nc-sara.org/

State authorization

Is ASU authorized in my state?

Arizona State University has met the state authorizations for all states, districts and territories; however, state regulations and authorizations can change. Select your state in the dropdown to see how ASU is authorized to operate in your state and to learn about policies and program exceptions in your state.

Alabama

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Alabama in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Alaska

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Alaska in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Arizona

Arizona State University is a public university operating in good standing.

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies, please see Policies [2] for further information.

Arkansas

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Arkansas in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

California

Arizona State University is a public university in Arizona with physical presence in the State of California. ASU does not fall under the regulatory authority of the California Bureau for Private Postsecondary Education [3] to offer education to persons located in California. ASU is in compliance with California regulations concerning postsecondary education.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Distance education students should see Policies [2] for further information.

Colorado

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Colorado in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Connecticut

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Connecticut in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following programs are not available to students located within the state.

Mary Lou Fulton Teachers College

- Educational Leadership (Principalship), MEd [4] (Campus, ASU Sync, Online)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Delaware

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Delaware in accordance with NC-SARA established policies and standards.

Mary Lou Fulton Teachers College

- Special Education (Teacher Certification), MEd [5] (ASU Sync, Online)
- Special Education (Visual Impairment), BAE [6] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies.

Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

District of Columbia

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in District of Columbia in accordance with NC-SARA established policies and standards.

Arizona State University is licensed by the Higher Education Licensure Commission [7] to operate the ASU Barrett & O'Connor Washington Center.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Florida

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Florida in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Georgia

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Georgia in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following program is not available to students located within the state.

Mary Lou Fulton Teachers College

- Educational Leadership (Principalship), MEd [4] (Campus, ASU Sync, Online)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Hawaii

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Hawaii in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Idaho

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Idaho in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Illinois

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Illinois in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Indiana

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Indiana in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Iowa

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Iowa in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Kansas

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Kansas in accordance with NC-SARA established policies and standards.

Mary Lou Fulton Teachers College

- Physical Education, MPE [8] (Campus)
- Secondary Education (Biological Sciences), BAE [9] (Campus)
- Secondary Education (Chemistry), BAE [10] (Campus)
- Secondary Education (Earth and Space Sciences), BAE [11] (Campus)
- Secondary Education (English), BAE [12] (Campus)
- Secondary Education (History), BAE [13] (Campus)
- Secondary Education (Mathematics), BAE [14] (Campus)
- Secondary Education (Physical Education), BAE [15] (Campus)
- Secondary Education (Physics), BAE [16] (Campus)
- Secondary Education (Political Science), BAE [17] (Campus)
- Secondary Education (Spanish), BAE [18] (Campus)
- Secondary Education (Teacher Certification), MEd [19] (ASU Sync, Online)
- Secondary Education, BAE [20] (Campus)
- Secondary Education, Certificate [21] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Kentucky

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Kentucky in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following programs are not available to students located within the state.

Mary Lou Fulton Teachers College

- An Overview of Autism Spectrum Disorders (Graduate Certificate) [22] (Online)
- Curriculum and Instruction (Early Childhood Education), MEd [23] (Online)
- Educational Leadership (Principalship), MEd [4] (Campus, ASU Sync, Online)
- Elementary Education (Teacher Certification), MEd [23] (ASU Sync, Online)

- Elementary Education, BAE [25] (Campus, ASU Sync)
- Physical Education, MPE [8] (Campus)
- Secondary Education (Biological Sciences), BAE [9] (Campus)
- Secondary Education (Chemistry), BAE [10] (Campus)
- Secondary Education (Earth and Space Sciences), BAE [11] (Campus)
- Secondary Education (English), BAE [12] (Campus)
- Secondary Education (History), BAE [13] (Campus)
- Secondary Education (Mathematics), BAE [14] (Campus)
- Secondary Education (Physical Education), BAE [15] (Campus)
- Secondary Education (Physics), BAE [16] (Campus)
- Secondary Education (Political Science), BAE [17] (Campus)
- Secondary Education (Spanish), BAE [18] (Campus)
- Secondary Education (Teacher Certification), MEd [19] (ASU Sync, Online)
- Secondary Education, BAE [20] (Campus)
- Secondary Education, Certificate [21] (Campus)
- Special Education (Autism Spectrum Disorders), MA [26] (Online)
- Special Education (Teacher Certification), MEd [5] (ASU Sync, Online)
- Special Education (Visual Impairment), BAE [6] (Campus)
- Teacher Certification (Graduate Certificate) [27] (ASU Sync, Online)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Louisiana

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) institution since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Louisiana in accordance with NC-SARA established policies and standards; program exceptions are noted below.

Edson College of Nursing and Health Innovation

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot consider applications for certain nursing degree or certificate programs from prospective students located in Louisiana. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state. Contact nursingandhealth@asu.edu [28] with questions.

- Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [29] (Campus)
- Adult Gerontology Nurse Practitioner (Graduate Certificate) [30] (Campus)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [31] (Campus)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [32] (Campus)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP [33] (Campus)
- Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP [34] (Campus)
- Advanced Nursing Practice (Innovation Leadership), DNP [35] (Campus)
- Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP [36] (Campus)
- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [37] (Campus)
- Advanced Nursing Practice, DNP [38] (Campus)
- Emergency Nurse Practitioner (Graduate Certificate) [39] (Campus)
- Family Nurse Practitioner (Graduate Certificate) [40] (Campus)
- Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate) [41] (Campus)
- Nurse Education in Academic and Practice Settings (Graduate Certificate) [42] (Campus and Online)

- Nursing (Nursing Education), MS [43] (Campus and Online)
- Nursing, MS [44] (Campus and Online)
- Pediatric Nurse Practitioner (Graduate Certificate) [45] (Campus)
- Women's Health Nurse Practitioner (Graduate Certificate) [46] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Maine

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Maine in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Maryland

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Maryland in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Massachusetts

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Massachusetts in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Michigan

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Michigan in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Minnesota

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Minnesota in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following program is not available to students located within the state.

Mary Lou Fulton Teachers College

- Educational Leadership (Principalship), MEd (Campus and Online) [4]

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Mississippi

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Mississippi in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Missouri

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Missouri in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Montana

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Montana in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Nebraska

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Nebraska in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Nevada

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Nevada in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

New Hampshire

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in New Hampshire in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

New Jersey

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in New Jersey in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following program is not available to students located within the state.

Mary Lou Fulton Teachers College

- Special Education (Teacher Certification), MEd [5] (ASU Sync, Online)
- Special Education (Visual Impairment), BAE [6] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

New Mexico

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in New Mexico in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

New York

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) institution since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Louisiana in accordance with NC-SARA established policies and standards; program exceptions are noted below.

College of Health Solutions

The Doctor of Behavioral Health [47] (DBH) program is an international education and training program provided by the College of Health Solutions that is designed to develop future leaders in integrated primary behavioral health care. There are two concentrations that may be pursued: clinical [48] and management [49].

Admission to the clinical concentration of the DBH program is restricted in New York State to those applicants with an active license to practice in a clinical field such as: Applied Behavioral Analysis, Creative Arts Therapy, Marriage and Family Therapy, Mental Health Counseling, Occupational Therapy, Physician Assistant, Psychoanalysis, Psychology, Social Work, and other clinical fields. Clinicians must possess an appropriate clinical license prior to admission to the program and are expected to work within the restrictions of their current license and professional scope of practice while completing all aspects of the DBH program, including clinical internship. Applicants without a proper license will not be accepted into the clinical concentration, or may risk dismissal from the DBH program if accepted contingent upon attaining a license, if the applicant is unable to attain the requisite license within the required timeframe.

It is recommended for applicants in New York State to contact the NYS Office of Professions [50] and speak with the appropriate professional board for information regarding their license status and whether there are limitations on how

knowledge obtained in the DBH program may be utilized in their practice.

Edson College of Nursing and Health Innovation

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot consider applications for certain nursing degree or certificate programs from prospective students located in New York. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state.

Contact nursingandhealth@asu.edu [28] with questions.

- Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [29] (Campus)
- Adult Gerontology Nurse Practitioner (Graduate Certificate) [30] (Campus)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [31] (Campus)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [32] (Campus)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP [33] (Campus)
- Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP [34] (Campus)
- Advanced Nursing Practice (Innovation Leadership), DNP [35] (Campus)
- Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP [36] (Campus)
- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [37] (Campus)
- Advanced Nursing Practice, DNP [38] (Campus)
- Emergency Nurse Practitioner (Graduate Certificate) [39] (Campus)
- Family Nurse Practitioner (Graduate Certificate) [40] (Campus)
- Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate) [41] (Campus)
- Nurse Education in Academic and Practice Settings (Graduate Certificate) [42] (Campus and Online)
- Nursing (Nursing Education), MS [43] (Campus and Online)
- Nursing, MS [44] (Campus and Online)
- Pediatric Nurse Practitioner (Graduate Certificate) [45] (Campus)
- Women's Health Nurse Practitioner (Graduate Certificate) [46] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

North Carolina

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in North Carolina in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

North Dakota

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in North Dakota in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Ohio

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Ohio in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Oklahoma

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Oklahoma in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Oregon

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) institution since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Oregon in accordance with NC-SARA established policies and standards; program exceptions are noted below.

Edson College of Nursing and Health Innovation

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot consider applications for certain nursing degree or certificate programs from prospective students located in Oregon. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state. Contact nursingandhealth@asu.edu [28] with questions.

- Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [29] (Campus)
- Adult Gerontology Nurse Practitioner (Graduate Certificate) [30] (Campus)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [31] (Campus)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [32] (Campus)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP [33] (Campus)

- Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP [34] (Campus)
- Advanced Nursing Practice (Innovation Leadership), DNP [35] (Campus)
- Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP [36] (Campus)
- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [37] (Campus)
- Advanced Nursing Practice, DNP [38] (Campus)
- Emergency Nurse Practitioner (Graduate Certificate) [39] (Campus)
- Family Nurse Practitioner (Graduate Certificate) [40] (Campus)
- Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate) [41] (Campus)
- Nurse Education in Academic and Practice Settings (Graduate Certificate) [42] (Campus and Online)
- Nursing (Nursing Education), MS [43] (Campus and Online)
- Nursing, MS [44] (Campus and Online)
- Pediatric Nurse Practitioner (Graduate Certificate) [45] (Campus)
- Women's Health Nurse Practitioner (Graduate Certificate) [46] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Pennsylvania

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Pennsylvania in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Puerto Rico

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Puerto Rico in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Rhode Island

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) institution since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Rhode Island in accordance with NC-SARA established policies and standards; program exceptions are noted below.

Edson College of Nursing and Health Innovation

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot consider applications for certain nursing degree or certificate programs from prospective students located in Rhode Island. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state.

Contact nursingandhealth@asu.edu [28] with questions.

- Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [29] (Campus)
- Adult Gerontology Nurse Practitioner (Graduate Certificate) [30] (Campus)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [31] (Campus)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [32] (Campus)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP [33] (Campus)
- Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP [34] (Campus)
- Advanced Nursing Practice (Innovation Leadership), DNP [35] (Campus)
- Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP [36] (Campus)
- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [37] (Campus)
- Advanced Nursing Practice, DNP [38] (Campus)
- Emergency Nurse Practitioner (Graduate Certificate) [39] (Campus)
- Family Nurse Practitioner (Graduate Certificate) [40] (Campus)
- Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate) [41] (Campus)
- Nurse Education in Academic and Practice Settings (Graduate Certificate) [42] (Campus and Online)
- Nursing, BSN [51] (Campus and Online)
- Nursing (Nursing Education), MS [43] (Campus and Online)
- Nursing, MS [44] (Campus and Online)
- Pediatric Nurse Practitioner (Graduate Certificate) [45] (Campus)
- Women's Health Nurse Practitioner (Graduate Certificate) [46] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

South Carolina

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in South Carolina in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

South Dakota

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in South Dakota in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Tennessee

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) institution since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Tennessee in accordance with NC-SARA established policies and standards; program exceptions are noted below.

Edson College of Nursing and Health Innovation

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot consider applications for certain nursing degree or certificate programs from prospective students located in Tennessee. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state. Contact nursingandhealth@asu.edu [28] with questions.

- Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [29] (Campus)
- Adult Gerontology Nurse Practitioner (Graduate Certificate) [30] (Campus)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [31] (Campus)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [32] (Campus)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP [33] (Campus)
- Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP [34] (Campus)
- Advanced Nursing Practice (Innovation Leadership), DNP [35] (Campus)
- Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP [36] (Campus)
- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [37] (Campus)
- Advanced Nursing Practice, DNP [38] (Campus)
- Emergency Nurse Practitioner (Graduate Certificate) [39] (Campus)
- Family Nurse Practitioner (Graduate Certificate) [40] (Campus)
- Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate) [41] (Campus)
- Nurse Education in Academic and Practice Settings (Graduate Certificate) [42] (Campus and Online)
- Nursing, BSN [51] (Campus and Online)
- Nursing (Nursing Education), MS [43] (Campus and Online)
- Nursing, MS [44] (Campus and Online)
- Pediatric Nurse Practitioner (Graduate Certificate) [45] (Campus)
- Women's Health Nurse Practitioner (Graduate Certificate) [46] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Texas

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Texas in accordance with NC-SARA established policies and standards.

Mary Lou Fulton Teachers College

- Special Education (Teacher Certification), MEd [5] (ASU Sync, Online)
- Special Education (Visual Impairment), BAE [6] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

U.S. Virgin Islands

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in the U.S. Virgin Islands in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Utah

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Utah in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following programs are not available to students located within the state.

Mary Lou Fulton Teachers College

- Educational Leadership (Principalship), MEd [4] (Campus, ASU Sync, Online)
- Special Education (Teacher Certification), MEd [5] (ASU Sync, Online)
- Special Education (Visual Impairment), BAE [6] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Vermont

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Vermont in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception means that the following programs are not available to students located within the state.

Mary Lou Fulton Teachers College

- Educational Leadership (Principalship), MEd [4] (Campus, ASU Sync, Online)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Virginia

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Virginia in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Washington

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) institution since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Washington in accordance with NC-SARA established policies and standards; program exceptions are noted below.

Edson College of Nursing and Health Innovation

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot consider applications for certain nursing degree or certificate programs from prospective students located in Washington. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state. Contact nursingandhealth@asu.edu [28] with questions.

- Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [29] (Campus)
- Adult Gerontology Nurse Practitioner (Graduate Certificate) [30] (Campus)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [31] (Campus)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [32] (Campus)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP [33] (Campus)
- Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP [34] (Campus)
- Advanced Nursing Practice (Innovation Leadership), DNP [35] (Campus)
- Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP [36] (Campus)
- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [37] (Campus)
- Advanced Nursing Practice, DNP [38] (Campus)
- Emergency Nurse Practitioner (Graduate Certificate) [39] (Campus)
- Family Nurse Practitioner (Graduate Certificate) [40] (Campus)
- Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate) [41] (Campus)
- Nurse Education in Academic and Practice Settings (Graduate Certificate) [42] (Campus and Online)
- Nursing, BSN [51] (Campus and Online)
- Nursing (Nursing Education), MS [43] (Campus and Online)
- Nursing, MS [44] (Campus and Online)

- Pediatric Nurse Practitioner (Graduate Certificate) [45] (Campus)
- Women's Health Nurse Practitioner (Graduate Certificate) [46] (Campus)

Mary Lou Fulton Teachers College
- Special Education (Teacher Certification), MEd [5] (ASU Sync, Online)
- Special Education (Visual Impairment), BAE [6] (Campus)

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

West Virginia

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in West Virginia in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Wisconsin

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Wisconsin in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Wyoming

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member since May 5, 2015, Arizona State University is authorized to offer distance education to persons located in Wyoming in accordance with NC-SARA established policies and standards.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure, by filing a Complaint Form via the AZ SARA complaint process [1]. Distance education students should see Policies [2] for further information.

Questions about ASU Online state authorization?

For additional information, please email: askcompliance@asu.edu [52].

Source URL: https://admission.asu.edu/academics/authorizations

Links:
[1] https://azsara.arizona.edu/content/complaint-process
[2] https://asuonline.asu.edu/about-us/policies/
[3] https://bppe.ca.gov/
[4] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEPRINMED/graduate/false
[5] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESECRTMED/graduate/false
[6] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESPEVIBAE/undergrad/false
[7] https://helc.osse.dc.gov/
[8] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ECPHYEDMPE/graduate/false
[9] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEBIOBAE/undergrad/false
[10] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TECHMBAE/undergrad/false
[11] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/EDESSBAE/undergrad/false
[12] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEENGBAE/undergrad/false
[13] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEHISBAE/undergrad/false
[14] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEMATBAE/undergrad/false
[15] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ECPPEBAE/undergrad/false
[16] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/EDPHYBAE/undergrad/false
[17] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEPOLBAE/undergrad/false
[18] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESPABAE/undergrad/false
[19] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESCERTMED/graduate/false
[20] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false
[21] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDCERT/undergrad/true
[22] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/EDSPEGRCA/graduate/false
[23] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEECDMED/graduate/false
[24] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEEEACLMED/graduate/false
[25] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEEEDBAE/undergrad/false
[26] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESPEASDMA/graduate/false
[27] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TETEACGRCT/graduate/false
[28] mailto:nursingandhealth@asu.edu
[29] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUACPNGRCT/graduate/false
[30] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUAGNPGRCT/graduate/false
[31] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPACDNP/graduate/false
[32] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPAGDNP/graduate/false
[33] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPFNDNP/graduate/false
[34] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPCFDNP/graduate/false
[35] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPILDNP/graduate/false
[36] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPPDNP/graduate/false
[37] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPWHDNP/graduate/false
[38] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUANPDNP/graduate/false
[39] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUEMNPGRCT/graduate/false
[40] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUFMPGRCE/graduate/false
[41] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUPMNUPRCE/graduate/false
[42] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURSEDCE/graduate/false
[43] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURSEDMS/graduate/false
[44] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURDTMS/graduate/false
[45] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUPDNPGRCT/graduate/false
[46] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUWHNPGRCT/graduate/false

[47] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSBEVHEDBH/graduate/false
[48] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHBVHCDBH/graduate/false
[49] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHBVHMDBH/graduate/false
[50] http://www.op.nysed.gov/
[51] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURDBSN/undergrad/false
[52] mailto:askcompliance@asu.edu

Transcripts

Official and unofficial ASU academic transcripts are available through University Registrar Services.

Sending your transcripts to ASU? Contact Admissions [1] for mailing address information.

Official transcripts

An official transcript is a copy of the student's permanent academic record issued by the University Registrar. It displays all courses taken for credit at ASU and includes all grades received. Unlike unofficial transcripts, it is signed and dated by the registrar and displays the ASU seal. **Official transcripts are not issued for students with outstanding financial obligations to the university.**

> For students that attended the **Thunderbird School of Global Management prior to December 31, 2014**, information on ordering official transcripts can be found here [2].

ASU cannot send official transcripts by email or fax.

University Registrar Services has partnered with Parchment, a digital credentials service, to manage the ordering, processing, and secure electronic delivery of your official ASU transcripts.

All students are encouraged to go online to place their transcript order. This is the easiest and most efficient way to place an order for either a traditional paper transcript or electronic transcript delivery.

Electronic delivery of official transcripts

Official electronic transcripts may only be ordered using Parchment's online request system. Students choosing this option will identify their recipients by selecting them from a list within the ordering system or by providing the email address of their intended recipients.

To expedite and ensure accurate delivery, students should:

- Make sure the transcript recipient will accept the electronic transcripts, so they can avoid paying to send a replacement copy.
- Double check that the email address they provided for an institution or individual is correct, so they can avoid paying again to send a replacement electronic or paper copy.
- Provide their email addresses for notification purposes (the student's email address assists with tracking and confirming delivery by notifying the student when the transcript is sent and when it is received by the selected institution or individual).
- Instruct recipients to allow emails from Parchment (noreplyint@parchment.com [3]) to avoid potential problems with spam filters.

Orders are generally processed immediately, unless you request a hold for degree or grades. (Degrees are posted approximately 6 weeks after the conferral date for the semester.)

The transcript is not delivered by email; the recipient's email address is used for notification and reminder messages regarding delivery of the student's transcript to a secure site where it can be accessed.

Ordering official transcripts

Official transcripts can be ordered online or by mail.

Online

- Students who have an ASURITE ID — Sign in to My ASU [4] and order official transcripts online. In the **My Classes** box, click **Grades & Transcripts** and then **Transcripts & Test Scores** (see sample My ASU navigation screenshot below).
- Students who attended ASU after 1980 and who do not yet have an ASURITE ID [5] or do not know their ASURITE ID and password — Please contact the ASU Help Desk at 855-278-5080 for assistance requesting your ASURITE ID.
- Students who attended ASU prior to 1980 and do not have an ASURITE ID — Request transcripts in person or by mail.
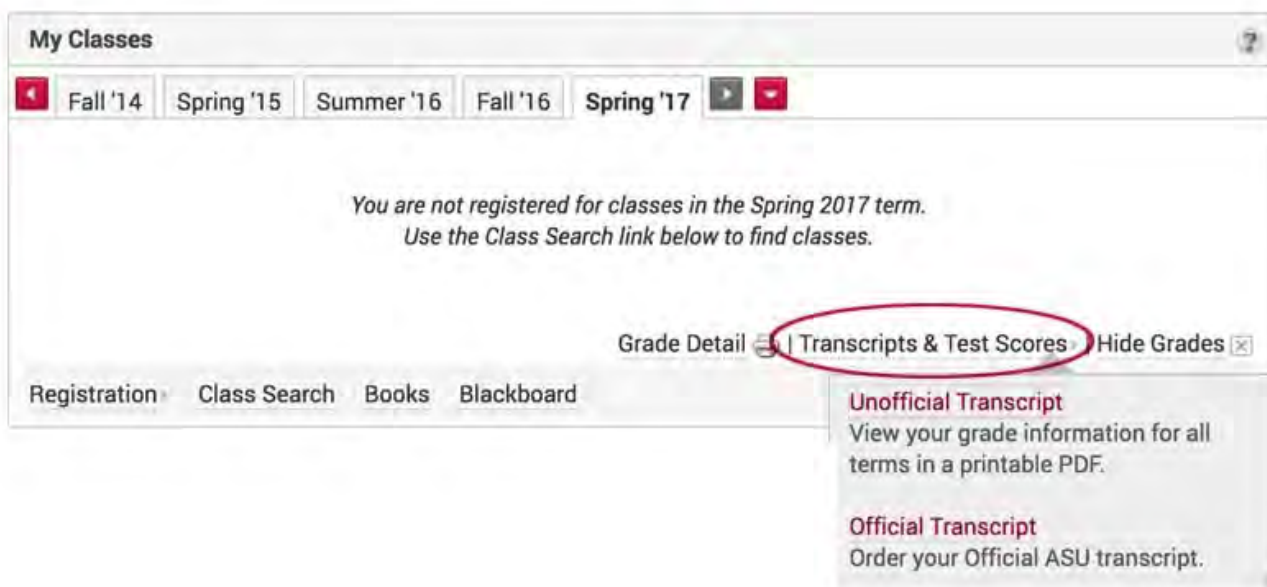
By mail

Students may order transcripts by submitting a Request for Official Transcript Form [6] or signed letter including the following information:

- Name
- Former names (if applicable)
- Arizona State University identification number (or SSN)
- Date of birth
- First and last dates of attendance
- Current return address
- Daytime phone number
- Specific mailing address for each transcript ordered

Pre-payment is required. See costs for official transcripts below. Make check or money order payable to Arizona State University.

Send requests for official transcripts to:

Outgoing Transcripts
University Registrar Services
Arizona State University
P.O. Box 870312
Tempe, AZ 85287-0312

For further assistance, please contact Outgoing Transcripts at 480-965-7276 or academicfiles@asu.edu [7]

In person

Students presenting photo ID may order official transcripts in person at the Cashier's Office at the following locations:

- Downtown Phoenix campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., University Center Building, Suite 112
- Polytechnic campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., Administration Building, Room 160
- Tempe campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., Student Services Building, 244
- West campus — Mon. - Fri. 8:15 a.m. to 4:30 p.m., University Center Building, Room 101

Costs

All charges for official transcripts must be paid at time of request. Official transcripts cost $15.00 per official transcript copy requested.

Rush transcripts (same day service): $10.00 in addition to the costs for the total number of transcripts ordered. **Available for in-person requests only.**

- Special delivery in the U.S. — Special delivery processing, instead of regular mail, is available via FedEx or U.S. Express Mail at $22.00 per U.S. delivery address in addition to the costs for the total number of transcripts ordered.
- Special delivery outside the U.S. — Express delivery to addresses outside the U.S. is available through International FedEx Express or International Express Mail at $38.00 per delivery address in addition to the costs for the total number of transcripts ordered.

FedEx requires a street address for delivery. FedEx charges an additional fee for all returned shipments, and the student will be responsible for paying the total amount before the transcript(s) will be mailed.

Transcripts will not be reissued after 90 days from the processed date.

Fees subject to change without notice.

Apostille

For information on requesting an Apostille. [8]

Unofficial transcripts

An unofficial transcript is an uncertified copy of the student's academic record. In addition to courses taken for credit at ASU and grades received, unofficial transcripts also include information such as note records regarding Dean's List achievement, grade changes, semester GPAs and probation/disqualification status.

For students that attended the **Thunderbird School of Global Management prior to December 31, 2014**, information on ordering unofficial transcripts can be found here [9].

Accessing and ordering unofficial transcripts

Here's how to view and request unofficial transcripts:

Online

- Students and former students who have an ASURITE ID — Sign in to view and print an unofficial transcript [10]. **You may need to temporarily disable pop-up blocker for this site to retrieve your transcript.**
- Students who attended after 1980 and who do not have an ASURITE ID or do not know their ASURITE ID and password — Request an ASURITE ID [5] to access unofficial transcripts online by contacting the ASU Help Desk at 855-278-5080.
- Students who attended prior to 1980 — ASU does not offer online transcript services for students who attended prior to 1980. Request the unofficial transcript in person, by mail or by fax.

You should be in your My ASU student view to access your transcripts. If you have both a student and staff view, this will be indicated in the top right of your screen.
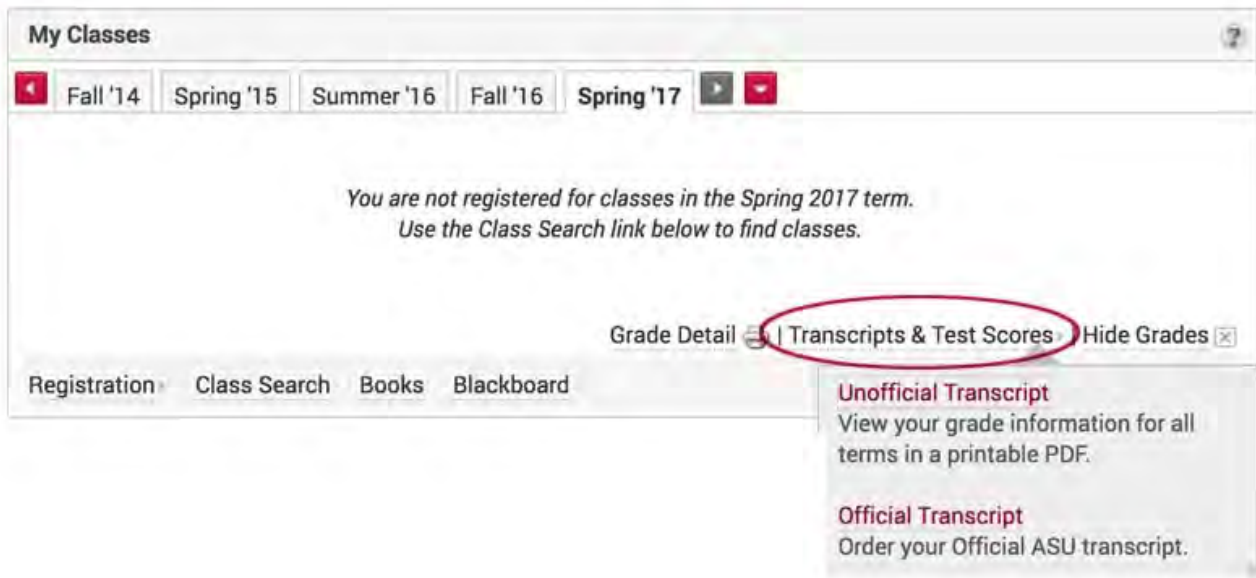
By mail or fax

Students may order an unofficial transcript by mailing or faxing a **signed** letter including the following information about the student:

- Name and former names (if applicable)
- Arizona State University identification number (or SSN)
- Date of birth
- First and last dates of attendance
- Current return address
- Daytime phone number
- Return Fax number or specific mailing address

Requests for unofficial transcripts by mail or fax must be signed by the student. No computer-generated signatures will be accepted. Please send requests for unofficial transcripts to:

Outgoing Transcripts
University Registrar Services
Arizona State University
P.O. Box 870312
Tempe, AZ 85287-0312

Fax: 480-965-2295

In person

Students presenting photo ID may order unofficial transcripts in person at any campus registration site [11].

Costs

There is no fee for an unofficial transcript. For assistance, please contact University Registrar Services [12].

Transcript FAQs

Have questions? Here are the most common FAQs [13].

If you have an ASURITE ID, want to order online, and are familiar with the applicable transcript policies, you can access your transcripts through My ASU [14].

My ASU [14]

Click **Grades & Transcripts** in the My Classes box, then **Transcripts & Test Scores**.

Source URL: https://students.asu.edu/transcripts

Links:
[1] http://students.asu.edu/contact/admissions
[2] https://students.asu.edu/Thunderbird_Transcripts
[3] mailto:noreplyint@parchment.com
[4] https://my.asu.edu
[5] http://asu.force.com/kb/articles/FAQ/How-do-I-get-an-ASURITE-ID-if-I-m-a-former-student
[6] https://students.asu.edu/forms/official-transcript-request
[7] mailto:academicfiles@asu.edu
[8] https://students.asu.edu/apostille
[9] https://students.asu.edu/transcripts-thunderbird#unofficialtranscripts
[10] https://www.asu.edu/go/unofficialtranscript/
[11] https://students.asu.edu/contact/office-university-registrar
[12] http://students.asu.edu/node/931
[13] http://students.asu.edu/transcript-faqs
[14] https://my.asu.edu/

Apostille

Some international organizations may ask for the attachment of an apostille to certain documents. An apostille is an additional level of authentication given to a notarized document to certify that the document is a true, i.e., exact, copy of the original.

Arizona State University can provide notarization of official transcripts or your diploma to submit to the Arizona Secretary of State's Office for apostille purposes. Before requesting notarization, please check with the agency requesting your documents to determine what level of document verification is required.

For more information on how to request **notarized official transcripts**, please contact Outgoing Transcripts at 480-965-7276 or academicfiles@asu.edu [1].

For more information on how to request a **notarized diploma**, please visit this page [2] or contact Graduation at 480-965-3256 or graduation@asu.edu [3].

If you need both, either office will be able to assist.

You will be responsible for submitting the notarized document(s) to the Arizona Secretary of State's Office to request the apostille. Review the complete instructions for filing an apostille request [4]**.**

Source URL: https://students.asu.edu/apostille

Links:
[1] mailto:academicfiles@asu.edu?subject=Apostille
[2] https://students.asu.edu/diploma
[3] mailto:graduation@asu.edu?subject=Apostille%2FDiploma
[4] http://www.azsos.gov/services/authentication-and-apostille

Transcript FAQs

Answers to the most common transcript questions

Q: What is the procedure to change my name on my ASU transcript?

Currently enrolled, newly admitted/readmitted or former ASU students may submit a Student Change of Legal Name Form electronically through DocuSign, by mail, in person or by scanning and e-mailing. All requests require two different forms of documentation, one of which must be picture identification (state/government issued photo ID or ASU Sun Card) and one of the following: marriage license/certificate, adoption papers, court order, divorce decree, social security card or passport/permanent visa. The link to the DocuSign form and paper form can be found at https://students.asu.edu/forms/name-change [1]. For further assistance email registrar@asu.edu [2] or call 480-965-7276.

Q: Will ASU hold my transcript and not send it out until my degree or a specific grade is posted?

On the Request for Official Transcript form or the online ordering system, you may request one of the following holds:

- Hold until degree is posted - Your transcript will not be sent until your degree is posted to your ASU transcript.
- Hold until grades are posted - Your transcript will not be sent until all grades for the term you specified on your order are posted to your ASU transcript.

Q: Does my ASU transcript list courses I transferred from other institutions?

No. Credit is awarded for traditional course work successfully completed at institutions of higher learning as indicated by ASU and the Arizona Board of Regents. However, only the name of the institution(s) and degrees awarded are listed on the ASU transcript.

Q: How can I obtain a copy of previous school transcripts?

You may request unofficial copies of transcripts from other schools if they were submitted to ASU and if they remain on file. If you are requesting transfer transcripts for official purposes, you must order transcripts from the issuing institutions.

Q: Can someone else order/pick up my official transcript for me?

Yes, someone else may order or pick up your official transcript as long as you give written and signed authorization to do so. The request must include all the information requested for ordering an official transcript.

Q: What if I have a delinquent account? Can I still obtain a transcript?

You may obtain an unofficial transcript only. All financial obligations must be cleared before an official transcript will be issued. For further assistance call 480-965-7276 during business hours. The Delinquent Accounts Office can be reached at 480-965-5220.

Q: How do I get a course description for courses listed on my ASU transcript?

Course descriptions for catalogs after 1996 can be printed from the web at the catalog web site [3]. For course descriptions prior to 1996, contact University Archives archives@asu.edu [4] or 480-965-4932.

Q: How long does it take for my degree to post to my transcript?

The majority of degrees are posted within10-14 days of the degree conferral date. If you need to request an official transcript with your degree posted, you have the option to "hold for degree" which will ensure your official transcript will not be issued until your degree is posted.

Source URL: https://students.asu.edu/transcript-faqs

Links:
[1] https://students.asu.edu/forms/name-change
[2] mailto:registrar@asu.edu
[3] https://webapp4.asu.edu/catalog/
[4] mailto:archives@asu.edu

Undergraduate policies and procedures

Admission

First-year student college admission requirements

We're here to help make each step toward becoming a Sun Devil a smooth experience. Follow the steps below to apply to become a first-year student at ASU.

Admission requirements

Course competency requirements

To be admitted to ASU, you need the following coursework:

- 4 years math
- 4 years English (non-ESL/ELL courses)
- 3 years lab sciences (1 year each from biology, chemistry, earth science, integrated sciences or physics)
- 2 years social sciences (including 1 year American history)
- 2 years same second language
- 1 year fine arts or 1 year career and technical education

Detailed course requirement [1]

Aptitude requirements

To be admitted to ASU, you will need one of the following:

- top 25% in high school graduating class
- 3.00 GPA in competency courses (4.00 = "A")
- ACT: 22 (24 nonresidents)
- SAT: 1120 (1180 nonresidents)

These are the general university admission requirements. Students who do not meet these aptitude requirements may be reviewed individually before a final admission decision is made. Some degree programs have higher aptitude requirements. To find the requirements for your specific program, please visit ASU's Degree Search [2].

Applicants must successfully complete the ASU competency requirements. Admission may be granted with one deficiency in no more than two competency areas. Deficiencies cannot be in both math and laboratory science. Students must earn a minimum 2.00 in each subject area. Most competencies may also be met by test scores or college courses.
See detailed competency requirements [3] for more information.

How to apply to ASU

Step 01: Complete an undergraduate admission application

Apply online with ASU's Application for Admission [1], Common Application [5]. You need to submit only one application to be considered for admission to ASU.

To expedite the admission decision, self-report your high school grades [6] in the application.

Choose to not self-report → quicker application process, but takes a little longer for an admission decision.

Choose to self-report → application takes longer to complete, but the admission decision comes much faster.

ASU does not have a preference for which application you use to apply. ASU does not require an essay or personal statement in any of these options.

ASU's Application for Admission [7]

Common Application [8]

Step 02: Submit the nonrefundable application fee

Arizona residents: $50
Domestic nonresidents: $80
ASU Online: $70
International nonresidents: $85

You can pay using a credit card (Visa or Mastercard) or eCheck at the time you submit your application or when you log in to My ASU [9]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

If you applied for admission through the Common Application [10], pay the application fee through those applications.

Fee waivers

There is no form, paper or code to submit for an application fee waiver. If your financial circumstances qualify you for an application fee waiver, you will answer a series of questions in the application that will automatically qualify you and post to your account.

Step 03: Transcripts

If you do not self-report your high school grades in the application, you must have your high school send an official copy of your transcripts [11] to ASU.

If you have earned college or university credit, request to have your official transcripts [11] sent to ASU from the issuing institution.

Step 04: ACT or SAT scores (optional)

ACT or SAT scores are not required for admission, but may be submitted for ASU course placement or as supplemental information. Have your scores sent to ASU from ACT [12] or College Board [13] when you register for the test. Learn more about sending your test scores to ASU in our FAQ section [14].

Step 05: Check application status

Once you've completed all these steps, ASU will review your application. To see if you have any missing items and to review your admission status, sign in at My ASU using your ASURITE UserID, which is sent to you after you apply for admission.

Check application status [18]

Step 06: Fill out the FAFSA

The Free Application for Federal Student Aid [15] is used to award grants, loans, Federal Work-Study and certain scholarships. We encourage you to compare financial aid and college costs. ASU's Federal School Code is 001081. Submit your completed FAFSA by ASU's Jan. 15 priority filing date to be considered for the most need-based aid.

Important deadlines

To help you stay on track with the fall 2022 admission and financial aid processes, check out our important deadlines page

Priority admission date

Complete your application for fall 2023 admission [25] by the **Nov. 1 priority admission deadline** to ensure you're considered for the maximum amount of scholarship opportunities.

Regular admission date

ASU's regular admission date is Jan. 15. Make sure to complete your fall 2023 admission application by this date.

ASU scholarship portal

ASU's Scholarship Portal [26] opens on **Sept. 1**. The Scholarship Portal stores responses to basic questions such as your name, birthday and more, to make it easier for you to fill out multiple applications.

FAFSA priority date

The 2023-2024 Free Application for Federal Student Aid [15] is available beginning Oct. 1. Submit your completed FAFSA by ASU's Jan. 15 priority filing date to be considered for the most need-based aid.

ASU's Federal School Code is 001081.

Arizona resident financial support programs

Obama Scholars Program

To be considered for the Obama Scholars Program [27], you must submit a completed application for admission, including application fee or waiver, official transcripts, and the FAFSA, by **Jan. 15**.

College Attainment Grant

To be considered for the College Attainment Grant [27], you must submit a completed application for admission, including application fee or waiver, official transcripts, and the FAFSA, by **July 1, 2023**. The sooner you complete all these items, the sooner you receive your notification. Don't wait until July 1, do it today!

Barrett, The Honors College regular admission date

Barrett, The Honors College [28] is a selective honors experience for outstanding students that offers exclusive research, internship and study abroad opportunities. You must apply to Barrett through a separate application to be admitted.

The Barrett application opens in early September and the early action deadline is Nov. 1.

National Scholars and College Board National Recognition Program awardees

Students who've been designated as National Scholars or College Board National Recognition Program Awardees [29] must apply to ASU in order to be eligible for their scholarship.

Next Generation Service Corps

Students who join the Next Generation Service Corps [30] at ASU are committed to more than academic achievement and career preparation. This program builds a culture of service in future leaders who will go on to tackle some of the world's toughest challenges.

The application opens Nov. 15.

ASU Future Law Scholars

You don't have to wait until you earn your bachelor's degree and go to law school to start on the road to earning your JD. The ASU Future Law Scholars program [31] can put you on the path to making a smooth transition into the Sandra Day O'Connor College of Law by offering access to programs, seminars and other benefits.

To be considered for the ASU Future Law Scholar program, please submit the interest form [32] by **January 15**.

Edson Entrepreneurship + Innovation Fellows

For students who are ready to think big and make their mark at ASU, look no further than our Edson E+ I Fellowship [33]. Entrepreneurship and innovation are big parts of what ASU is all about. With this scholar program, you will have the opportunity to express your creativity and inner innovator.

The application opens Nov. 15.

Tips for applying to college

Higher admission requirements

If your first-choice major has higher requirements, you will be instructed to select a second major without higher requirements.

Explore degrees [18]

Common Application

ASU accepts the Common Application [5] and our own online application [4] for incoming first-year students. Only one application will be accepted, with no preference between the ASU application and the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

Self-report your grades

ASU accepts self-reported high school grades on the undergraduate admission application. Submission of an ACT or SAT score is highly recommended for merit-based scholarship consideration.
More about self-reporting [19]

Individual review

ASU admission decisions begin the first week of September. Students who do not meet the admission standards will be evaluated through individual review and may experience a longer wait time for an admission decision.

Homeschool or online/virtual high schools students

ASU welcomes applications from home-educated students and students who have attended an accredited online/virtual high school. You can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

More about homeschooling and online high schools [20]

Homeschool or online/virtual high school students

ASU welcomes applications from home-educated students and students who have attended an accredited online/virtual high school. You can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

How to apply if you completed a high school equivalency diploma

Students may also meet admission requirements by meeting one of the following:

*GED battery average score of

- 50 or above for tests taken between 1998-2001
- 500 or above for tests taken between 2002-2013
- 170 or above for tests taken after 2013

*HiSet total score of 75

*TASC (Test Assessing Secondary Completion):

- Minimum total score of 2700
- Minimum score of 500 on each of the five content areas
- Score of 2 or above on essay

California High School Proficiency Examination and other high school equivalency diplomas are recognized as high school diplomas, but do not satisfy course competency and aptitude requirements needed for admission. Students should submit their diploma to show completion of high school, but will also need to submit additional high school transcripts or SAT or ACT scores to satisfy course competency and aptitude requirements for admission.

Alternatively, enrollment and successful completion of 24 semester credits with a 2.75 minimum GPA through Earned Admission [21], or completion of 24 or more college credits from a regionally accredited college or university with a minimum of 2.50 cumulative GPA on a 4.00 scale may be used to satisfy requirements for admission.

College Credit Pathway

Some states, including Arizona, offer a College Credit Pathway as an option for students to obtain a high school equivalency (HSE). If the HSE is obtained, ASU will accept that credential as completion of high school graduation requirement but the student may still need additional high school coursework and/or SAT/ACT scores to meet course competency requirements and high school aptitude if the student does not have 24 transferable credits taken post high school.

*Some higher requirement programs may require ACT/SAT scores or additional coursework in order to satisfy aptitude and/or course competency requirements.

Get a jump-start on your college experience

Now is the perfect time to imagine what your future will look like, and ASU is here to help you get there. See how you can start earning scholarship money, find the perfect degree program and campus, and more — all while you're in high school.

Start now [22]

Source URL: https://admission.asu.edu/first-year/apply

Links:
[1] https://admission.asu.edu/first-year/competency-requirements
[2] https://degrees.asu.edu/
[3] https://admission.asu.edu/first-year/competency-requirements
[4] https://webapp4.asu.edu/uga_admissionsapp/
[5] https://apply.commonapp.org/Login?ma=901
[6] https://admission.asu.edu/freshman/self-reporting
[7] https://webapp4.asu.edu/uga_admissionsapp

[8] https://apply.commonapp.org/Login?ma=901

[9] https://my.asu.edu/

[10] https://apply.commonapp.org/Login?ma=901

[11] https://admission.asu.edu/transcripts

[12] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html

[13] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send

[14] https://admission.asu.edu/contact/faqs#general

[15] https://studentaid.gov/h/apply-for-aid/fafsa

[16] https://yourfuture.asu.edu/importantdeadlines

[17] https://admission.asu.edu/contact/undergraduate

[18] https://degrees.asu.edu

[19] https://admission.asu.edu/first-year/self-reporting

[20] https://admission.asu.edu/first-year/homeschool

[21] https://ea.asu.edu/

[22] https://admission.asu.edu/first-year/highschool

[23] https://www.commonapp.org/

[24] https://admission.asu.edu/contact/faqs#freshman

[25] https://webapp4.asu.edu/uga_admissionsapp

[26] https://scholarships.asu.edu/myportal

[27] https://tuition.asu.edu/special-financial-assistance-programs-arizona-residents

[28] https://barretthonors.asu.edu/

[29] https://satsuite.collegeboard.org/psat-nmsqt/scholarships-recognition/programs

[30] https://psa.asu.edu/next-generation-service-corps

[31] https://yourfuture.asu.edu/lawscholars

[32] https://yourfuture.asu.edu/sign-up-law-scholar

[33] https://students.asu.edu/scholar-programs/entrepreneurship

How to meet course competency requirements at ASU

Competency requirements may be met with high school work, college work or test scores. These requirements must be met regardless of your major or the number of transferable hours you have earned. Students must earn a minimum 2.00 GPA in each competency area.

Admission may be granted with one deficiency in no more than two competency areas. Deficiencies in both math and laboratory science are not acceptable.

For exceptions to the competency requirements, see below [1].

English competency requirement

Meet one of the following:

- four years of high school English (composition or literature based)
- minimum test score of 21 on ACT English, or 580 on SAT evidence-based reading and writing
- one transferable three-credit college English composition course

English composition placement

All first-year and transfer students who have not earned a "C" or better in a transferable first-year English composition course, or who have not received a score of 4 or 5 on the Advanced Placement examination in English offered by the College Entrance Examination Board, must submit ACT or SAT scores before registration to be placed in an appropriate English course.

Mathematics competency requirement

Meet one of the following:

- four years of high school courses: one year each of algebra I, geometry, algebra II, and an advanced math class for which algebra II is a prerequisite
- minimum test score of 24 on ACT math, or 580 on SAT math
- one transferable three-credit college math course for which at least intermediate algebra is a prerequisite

Laboratory science competency requirement

You may meet one of the following or any combination of the three as long as you have three different laboratory-based sciences:

- three years of different high school laboratory sciences
  Lab sciences should be an entire year in length. Please select three from the following list: biology, chemistry, earth science or physics. A laboratory-based integrated science course may be allowed to substitute for one of the three lab sciences. Additionally, an advanced placement course, a higher level international baccalaureate course, or other honors course taken in the last two years of high school in the same subject as a previous course can still satisfy one lab science requirement.
- minimum test scores in three standardized tests from three different subject matters
  The following tests may be taken: SAT II subject test score in chemistry-600, biology-590, physics-620 or ACT test score in science-20.
- three transferable four-credit college laboratory science courses from the following: biology, chemistry, earth science or physics
  An integrated laboratory science or advanced level laboratory-based science may be substituted for one of these laboratory subjects.

Laboratory Science Courses: (For online high schools only)

ASU requires students to complete 3 different lab sciences. In order to determine if your lab sciences meet our lab science requirement, we may need additional information from you. If we require additional information once your admission application reaches our evaluation team, you will see a Priority Task displayed on your My ASU page titled 'Course Description'.

You can provide the additional information required through one of the following:

1. You can have your high school submit your lab sciences to the courseapproval.asu.edu [2] website for ASU to review if it is not already listed on the website.
2. You can submit a course description form for each lab science taken in an accredited online high school environment if not already approved for your entire high school to ASU's homeschool representative.

Second language competency requirement

Meet one of the following:

- two years of the same high school second language
- attainment of minimum score on a national standardized second language test or placement into a third semester college second language class based on university placement exam results
- two transferable three- or four-credit, college-level courses in the same second language

Social science competency requirement

Meet one of the following options from Section A and one from Section B:

Section A

- one year of high school American history
- minimum SAT II subject test score of 560 on American history/social studies
- one transferable three-semester-hour college American history course

Section B

- one year of high school social science (e.g., European history, world history, economics, sociology, geography, government, psychology or anthropology)
- minimum SAT II subject test score of 580 on world history
- one transferable three-semester-hour college social science course

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Fine arts or career and technical education competency requirement

Meet one of the following:

- one year (or a combination of two semesters) of high school fine arts or career and technical education
- one transferable three-credit college fine arts course

Exceptions

You do not need to meet competency requirements if one of the following statements is true:

- You have completed an associate or higher level degree from a regionally accredited postsecondary institution with a minimum 2.00 GPA ("A"=4.00) if you are an Arizona resident, or you have a minimum 2.50 GPA ("A"=4.00) if you are a nonresident.
- You have completed the Arizona General Education Curriculum (AGEC) with a minimum 2.00 GPA ("A"=4.00) if you are an Arizona resident or a 2.50 GPA ("A"=4.00) if you are a nonresident.

View the Academic Catalog [3]

Source URL: https://admission.asu.edu/first-year/competency-requirements

Links:
[1] https://admission.asu.edu/first-year/competency-requirements#exceptions
[2] https://courseapproval.asu.edu/
[3] https://catalog.asu.edu

Self-reported admission application

To expedite admission decisions, ASU accepts self-reported high school grades on the undergraduate admission application. After you graduate from high school, submit a final high school transcript that includes your graduation date. Submission of an ACT or SAT score is highly recommended for merit-based scholarship consideration.

ASU admission decisions for the fall semester begin the first week of September. If you do not meet initial eligibility, you may be placed into individual review and experience a longer wait time for an admission decision.

Incoming Arizona resident freshmen who are eligible for the Obama Scholars Program must have a completed admission application, the application fee or a waiver, and the FAFSA submitted by Jan. 1, 2019. Transcripts and test scores are due by Jan. 15, 2019, in order to be considered for the program.

Step-by-step self-reporting application guide

Step 01: Start your ASU application

Apply online with ASU's Application for Admission [1] or the Common Application [2]. You need to submit only one application to be considered for admission to ASU.

ASU Application for Admission [3]

Common Application [4]

Step 02: Click "Yes, I would like to accurately report my grades..."

There will be a drop-down menu where you will enter your overall academics and most importantly, required high school courses.

Step 03: Enter all your courses and grades as they appear on your official transcript

- For each academic year 9 – 12, you will enter all courses and grades individually for English, math, science, social science, language, fine arts, electives, etc.
- Select from a list of course names or write the course in the Course Title section.
- Choose whether this course was taken in a semester, trimester, quarter or full year.
- Enter the level of the course. You can choose from a normal high school course, an honors course, an Advanced Placement course or an International Baccalaureate course.
- Enter your course grade in the Grade section.

Step 04: Click on "Add Course" and repeat Step 3 as needed

Keep adding courses until all courses have been submitted.

Frequently asked questions about the self-reported application to ASU

What does it mean to self-report my grades?

During the application process, you will be asked to enter all your courses and grades for years 9 to 11 as they appear on your official high school transcript. You will also be asked to enter your in-progress courses for year 12. Self-reporting your grades speeds up the admission decision process. ASU will verify your grades based on your final transcripts prior to your enrollment.

How do I enter my courses and grades?

To accurately enter all information, you must have your high school transcript when filling out the Required High School Courses section in My Grades. All semester, trimester or quarter grades must be listed in the Required High School Courses section.

Am I able to include college courses or dual credit courses I have taken while in high school?

Yes, the application gives you the option to self-report any college courses or dual credit courses you have taken before enrolling at ASU.

What should I do if my high school lists my grades numerically?

If your transcript includes a numerical grading scale, click on 100 point based in the Grading System section and then select the number range for your grades in the Grades section.

When do I submit my final transcripts?

If you have been admitted and intend to enroll at ASU, you will need to send your official high school transcript once you graduate. Do not send any official transcripts during the application process or before you graduate.

View more FAQs [5]

Transcripts

Request that your official transcript(s) be sent to Admission Services

Your official transcripts are certified copies from each high school, college, university or technical school you attended that shows the courses you took, grades you earned, and certificates or degrees you were awarded. Arizona State University requires you to send transcripts from every institution you attended.

Upon graduation or the completion of the semester, request that your school or schools send a final transcript directly to ASU to determine final university admission status. Official transcripts must be sent directly to Admission Services at ASU from the issuing institution's records office either by mail [1] or electronically through a secured transcript service approved by ASU.

- Transcripts may not be faxed.
- Transcripts sent via e-mail may be accepted if sent directly from an authorized school official at the issuing institution to ASU at transcripts@asu.edu [2]. If ASU is unable to verify the sender is from the issuing institution the emailed transcript will not be accepted as official.
- Official transcripts delivered by hand will only be accepted if they are sealed in the original envelope provided by the community college or university and bear the university seal and the signature of the Registrar of the issuing institution.
- Emails sent to transcripts@asu.edu [2] or gradtranscripts@asu.edu [3] must not exceed 35MB total. Any attachments must be in one of these approved file types.
  Microsoft Word (.doc or .docx)
  Microsoft Excel (.xls or .xlsx)
  Image (.jpg .jpeg .gif .png
  Adobe PDF (.pdf)
  Text (.txt)

If the file size is exceeded and/or the document type is not supported the email will be rejected

We will accept transcripts received from the following secured transcript services*:

- Accellion
- Acclaim / Credly
- Advanced Secure Technologies
- Arizona HSE State Tracking and Report System
- Barracuda
- BridgeU
- Cambridge International
- CDGDC
- CHESSIC
- Cialfo
- CISCO
- Concourse Global

- Credential Solutions
- Digitary
- Docswallet
- Elmira College
- Escript
- eTranscript California
- George Brown College
- Greenlight
- Kiteworks
- LinShare
- LiquidFiles
- MaiaLearning
- MyeQuals
- Nanyang Technological University Singapore
- National Archives at Riverside
- National Student Clearinghouse
- Naviance
- Overgrad
- Parchment
- Proofpoint
- Scoir
- Scribbles Software
- SendThisFile
- Serv-U
- SPEEDE
- Transcripts Plus
- Truecopy
- Unifrog
- Univariety
- University of Edinburgh
- Virtru
- Vitnemalsportalen
- XAP
- ZIX

- For transcripts sent through a secured transcript service, please select Arizona State University from the vendor's dropdown list to ensure the transcript is routed to the correct place. If an email address is requested you can route to transcripts@asu.edu [2] or for graduate applicants to gradtranscripts@asu.edu [3]. Please note that transcripts sent by students to transcripts@asu.edu [2] or gradtranscripts@asu.edu [3] will not be accepted as official. These addresses are only for transcripts received from secured and approved transcript services.
- If you are required to submit a degree certificate along with your transcripts, a scan may be made of the front and back of your certificate and emailed to transcripts@asu.edu [2] for undergraduate applicants or gradtranscripts@asu.edu [3] for graduate applicants. Please make sure that ASU is in possession of your official, final degree posted transcript prior to submission of your degree certificate. The original certificate does not need to be mailed.

Note: List is subject to change.

Important: If you email a copy of your degree certificate, please only email the degree certificate. Do not include copies of transcripts. Transcripts will not be accepted as official if sent by you and will delay processing of your degree certificate. The transcripts@asu.edu [2] and gradtranscripts@asu.edu [3] email addresses are for receipt of transcripts from vendors

and institutions and copies of degree certificates from students. This inbox does not respond to general questions. Questions should be routed to your admission representative [4].

High school transcripts from the United States

Official transcripts must be sent directly to Admission Services at ASU from the issuing institution's records office either by mail or electronically. Domestic high school transcripts delivered by hand will only be accepted if they are sealed in the original envelope provided by the high school. High school transcripts must show courses, grades, GPA and date of graduation. Sealed official high school transcripts can be sent in the mail or dropped off at the Admission Services customer service counter on the first floor in the Student Services Building [5], window 9, on the Tempe campus.

Community college or university transcripts from the United States

An official college transcript must be in a sealed envelope sent directly from the issuing institution's records office either by mail or electronically. Transcripts delivered by hand will only be accepted if they are sealed in the original envelope provided by the community college or university.

International transcripts and exam results

Graduate applicants: official, original or authenticated transcripts from every college or university from which you earned a comparable credential to a U.S. bachelor's degree or higher must be sent to ASU in the original language and accompanied by an English translation (if the original document was not issued in English).

Undergraduate applicants: official, original or authenticated transcripts and exam results from every secondary or higher-secondary school (grades 9-12) and transcripts from any college or university attended must be sent to ASU in the original language and accompanied by an English translation (if the original document was not issued in English).

Request transcripts from each international educational institution you attended and exam boards from which you have official results. Official transcripts must be mailed or sent directly from the issuing institution's records office electronically, and must include a certified English translation of all documents not issued in English. ASU will accept transcripts sent as email attachments if the email can be verified as coming from an authorized school official at the sending institution. If your school(s) cannot send them directly to ASU, you may send them yourself, making sure they meet one of the following requirements:

- Original academic credentials issued by the registrar of the institution attended, bearing the original raised or colored seal of the institution and the signature of the institution's registrar, academic official or recognized international organization.
- Photocopies of academic credentials that have been verified as true copies of the original by a responsible official of the institution attended or by an education representative of the country's government or embassy. Each page must bear the verifying official's signature and stamp.
- Photocopies of academic credentials that have been certified by a recognized international educational organization, such as EducationUSA, the U.S. Educational Foundation, AMIDEAST or the Institute for International Education.
- Photocopies of an international high school academic credential that has been verified as official by a recognized US high school.

ASU recommends that you have your international transcripts sent to ASU directly from the issuing institution, utilize a secured transcript service (where available), or obtain an attested copy of the transcript (where possible). Sending your only original copy to ASU should be the last option.

- We recommend students sending documents from abroad use FedEx or DHL in order to obtain a tracking number. If possible, include your ASU student ID number and name written on each page of the transcript(s) you send.

- Any document ASU receives becomes property of ASU and will not be returned to you, unless it is a situation where another copy cannot be obtained.
- Photocopies certified by a notary public are not official and will not be accepted. Scanned copies are also not accepted in lieu of original official academic documents.

Transcripts can be sent by mail to the following locations:

Regular mail
Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

FedEx, DHL (any sender who will not send to a P.O. Box)
Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

International transcript translations

Transcripts and degree certificates not issued in English require submission of an English translation in addition to the original language documents. Translations must be literal, complete versions of the originals and must be translated by one of the following:

- Issuing university or college
- Official translation services. Need assistance locating a translation service? Visit American Translators Association [6] to search for a translator for your target language.
- Ministry of Education, consulate or embassy
- Education USA (EdUSA) [7], AMIDEAST [8], U.S. Indian Education Foundation (USIEF) [9]

The translation does not take the place of submitting official academic records in the original language. The translation is in addition to the official academic record. Translations may not be completed by the student. Translations certified by a notary public are not acceptable.

You may not complete your own translation. Please have the translation service mail the official translation to ASU. Translations may also be emailed to transcripts@asu.edu [2] by the translation service.

Note: some third-party evaluation agencies are also members of American Translators Association and provide both translation and credential evaluation services. If using a third-party evaluation agency for translation services, be sure you are requesting a literal translation. A literal translation is an exact translation of the document (including notation of seals, signatures, etc.). Credential Evaluation reports will have grade and credit conversions and interpretation of the document and are not literal translations.

Instructions on requesting original international transcript return (only in cases where another copy is unable to be obtained)

To request a return of your original documents (only in cases where another copy is unable to be obtained) you may use the eShipGlobal service to have your document(s) express mailed to you through FedEx, DHL, or UPS at your own expense. To do so, visit https://study.eshipglobal.com [10] (do not visit FedEx, DHL, or UPS sites directly). You will be required to create a user name and password to set up an eShipGlobal account. To request shipment, you will need your ASU ID number, mailing address, e-mail address, phone number, and payment information.

1. After creating your eShipGlobal account. Follow the steps below to create your shipping label.
2. **Get Started:** Click on the 'get started' link on the home page and select 'receive documents from university'.

3. **Choose University:** Proceed to the university selection and choose Arizona State University-All Locations. You will see two options. One for Intl Students and Scholars Center and one for Admission Services. Be sure to select Admission Services' or your request will not be able to be fulfilled.
4. **Confirm Address:** Next page requests for you to enter your shipping details. There will be a drop down on this page for type of document. Select documents/transcripts.
5. **Select Carrier:** You will see a list of carriers that deliver to your area and the cost for delivery. Select the carrier and option you prefer.
6. **Confirm Payment:** You will see a page requesting your payment information. The payment options for your country will be listed. Options may include one or more of the following: credit/debit, wire transfer, or PayPal.

If you have questions about how to use this service, review the Help section of the eShipGlobal website or e-mail support@eshipglobal.com [11].

Once you have requested the shipment, please allow up to one month for return of your documents. Admission Services will review your request and if the request can be fulfilled you will receive an email from eShipGlobal to track your return.

If a request for return is not made within 60 days of receipt of your documents, we cannot guarantee that we will still have the documents to return. We regularly purge all physical documents after scanning. Email transcriptreturn@asu.edu [2] with questions.

Applicants with credentials from India

If you have secondary or postsecondary study from India, you should have your credentials verified through Truecopy and Truecopy will send to ASU electronically through Parchment.

You can begin your order at http://www.electronictranscripts.com/about-us.php#etquery [12]

Applicants with credentials from China- required documents

Secondary education（中学在校生或毕业生）

Junior Secondary (初中生)

1. Official transcript for grade 9 (初三成绩单) sent directly to ASU from issuing institution

General Senior Secondary (普通高中生)

1. Official Transcript (高中成绩单) sent directly to ASU from issuing institution

2. Official Verification report (认证报告) from CHESICC (学信网) for:

> **Secondary School Graduation Certificate (高中毕业证书)**
>
> You can begin your order at *https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [13]*. Your order will be sent electronically to ASU through Parchment.

3. Graduation Certificate (高中毕业证书) (photocopy or scan sent to transcripts@asu.edu [2])

Vocational Secondary (中职/中专生)

1. Official transcript (高中成绩单) sent directly to ASU from issuing institution

2. Graduation Certificate (毕业证书) (photocopy or scan sent to **transcripts@asu.edu [2]**)

Post-secondary (university) programs (大学生或研究生) - complete and incomplete

Zhuanke (专科) required document

1. Official Verification Report

   CHESICC verification for zhuanke Graduation Certificate (毕业证书)

   CHESICC verification for zhuanke Transcript (成绩单)

Your fulfilled order will be sent to ASU electronically through Parchment. Please request English language version. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [13]

2. Graduation Certificate (毕业证书) (photocopy or scan sent to transcripts@asu.edu [2])

3. Official Transcript (成绩单) (photocopy or scan sent to transcripts@asu.edu [2] if you have CHESICC send reports otherwise official sent directly to ASU by issuing institution)

Benke or higher (本科及以上学历) required documents

1. Official Verification Report（认证报告）

   CHSI* verification report for each degree certificate earned (学信网：学位在线验证报告或学位认证报告).

   CHSI* verification for each Official transcript (学信网：成绩验证报告).

   Your fulfilled order will be sent to ASU electronically through Parchment. Please request English language version. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [13]

   Graduation Certificate (毕业证书**)** (photocopy or scan sent to gradtranscripts@asu.edu [3])

   Degree Certificate (学位证书**)** (photocopy or scan sent to gradtranscripts@asu.edu [3])

   Official Transcript (成绩单**)** (photocopy or scan sent to gradtranscripts@asu.edu [3] f you have CHSI* verification reports sent otherwise official transcripts should be sent directly to ASU by issuing institution)

   *CHSI: China Higher Education Student Information website is maintained by the Center for Student Services and Development (CSSD), Ministry of Education, P.R. China, CHSI is the only MOE-designed website for qualification verifications.

China Academic Degrees and Graduate Education Development Center (CDGDC)
- Email: cqv@cdgdc.edu.cn [14]
- Website: www.cdgdc.edu.cn/cn/ [15]

China Higher Education Student Information and Career Center (CHESSIC)
- Email: info@chsi.com.cn [16]
- Website: http://www.chsi.com.cn/en/help/howtoapply_e_p.jsp [17]
- English website: http://www.chsi.com.cn/en/ [18]

Source URL: https://admission.asu.edu/transcripts

Links:
[1] https://admission.asu.edu/transcripts#mail
[2] mailto:transcripts@asu.edu
[3] mailto:gradtranscripts@asu.edu
[4] https://admission.asu.edu/contact
[5] https://maps.asu.edu/?id=120&mrklid=63156
[6] https://www.atanet.org/
[7] https://educationusa.state.gov/
[8] https://www.amideast.org/
[9] http://www.usief.org.in/
[10] https://study.eshipglobal.com/
[11] mailto:support@eshipglobal.com

[12] http://www.electronictranscripts.com/about-us.php#etquery

[13] https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp

[14] mailto:cqv@cdgdc.edu.cn

[15] http://www.cdgdc.edu.cn/

[16] mailto:info@chsi.com.cn

[17] http://www.chsi.com.cn/en/help/howtoapply_e_p.jsp

[18] http://www.chsi.com.cn/en/

Admitted first-year student next steps

Welcome, new student

You're now on your way to becoming part of the most innovative and forward-thinking university in the nation.

They say the longest journey begins with a single step. Well, enrolling at ASU isn't really a "long journey," but it does begin with one step, followed by a few more. Start taking your steps and check them off as you complete them so you can get closer to becoming a Sun Devil.

Important deadlines

To help you stay on track with the fall 2022 admission and financial aid processes, check out our important deadlines page.

View dates [1]

Countdown to ASU

As you prepare to attend Arizona State University, you might have some questions. Use this Countdown to ASU website as your go-to resource for everything you need to know about getting ready for college, and register for some helpful events to get all your questions answered.

View countdown [2]

Need help?

We're here for you.
ASU admission team members can answer your questions and guide you through each step of your enrollment process between now and the time you get started. Connect and get to know yours. We're here for you.

Schedule an appointment [3]

First-year student next steps

Activate your ASURITE user ID

Your ASURITE User ID grants you access to My ASU and university services. You'll find reminders for things like submitting your final transcripts, sending in your test scores and submitting your immunization forms.

When you activate your ASURITE User ID, you will select to have your ASU email forwarded to a personal account. It's important to check your email often for time-sensitive notifications and next steps about enrollment. You'll have access to your official ASU email when classes begin. You can check which email your ASU email is forwarding to by looking in the profile tab in My ASU.

Active ASURITE [4]

If you need helping logging in, you can have your activation code for My ASU sent to you by visiting admission.asu.edu/resendcode [5] or by contacting your admission team member [6].

Give your parents access to your records and account

Through My ASU Parent Guest Access, you can share your academic records with your parent or guardian, and even better, give them access to pay your tuition and bills. Go to My ASU [7], select the Profile tab at the top and find "Add a Guest" under My ASU Guest Access Permissions.

Pay your enrollment deposit

Beginning Oct. 1, you can confirm your place in the fall 2022 class by submitting your deposit. Then make sure to check My ASU [7] often for any Priority Tasks you need to complete to enroll for fall 2022.

Confirm your spot [34]

Submit your FAFSA and apply for scholarships

The 2022–2023 Free Application for Federal Student Aid is available beginning Oct. 1. **Submit your completed FAFSA by ASU's Jan. 15 priority filing date** to be considered for the most need-based aid. ASU's Federal School Code is 001081.

Submit FAFSA [8]

Watch tutorial [9]

Interested in learning more about completing your FAFSA? Attend one of our live-hosted virtual programs focused on everything you need to know to submit and complete the FAFSA.

Search and apply for departmental and private scholarships through ASU's Scholarship Portal. The general scholarship application, which is used for many ASU scholarships, is typically **available in September and closes by Feb. 1.**

Scholarship Portal [10]

Interested in learning more about paying for college? Register for one of our live hosted virtual events [11] about this topic.

Submit your measles, mumps and rubella immunization record

All students born after Jan. 1, 1957, are required to meet the following MMR immunization requirement [12] before classes begin. You can upload required documentation in your ASU My Health Portal [13].

The MMR vaccine is available for a fee at any of ASU's Health Services [14] locations.

Submit MMR [13]

My ASU to view details.

Learn more [14]

Confirm your housing and dining

ASU first-year students live in the residential college of their academic major. Barrett students live in the Barrett residential community for their first two years. **Once you've paid your enrollment deposit**, you can select your housing and dining preferences in ASU's housing portal [15].

Select your housing [16]

Learn more [17]

Prepare to take your next steps to become a Sun Devil

Check My ASU to stay on top of things like the new student orientation module, where you will become prepared to attend classes in the fall by completing essential next steps for enrollment — including academic advising and finalizing your class schedule.

Your next steps [18]

Useful resources for first-year students

ASU Prep Digital [19]
ASU Student Success Center [20]
Athletics [21]
Degrees [22]
Find my admission team member [3]
Financial Aid and Scholarship Services [23]
Fraternity & Sorority Life [24]
Global Education Office [25]
Housing [26]
Pat Tillman Veterans Center [27]
Pre-health [28]
Pre-law [29]
Scholarship estimator [30]
Student Accessibility and Inclusive Learning Services [31]
Student and Cultural Engagement [32]
Universal Learner Courses [33]

Source URL: https://admission.asu.edu/first-year/admitted

Links:
[1] https://yourfuture.asu.edu/januarydeadlines
[2] https://yourfuture.asu.edu/countdown-to-asu
[3] https://admission.asu.edu/findmyrep
[4] https://weblogin.asu.edu/password/activation
[5] https://admission.asu.edu/resendcode
[6] https://admission.asu.edu/findmyrep
[7] https://my.asu.edu/
[8] http://fafsa.gov/
[9] https://www.youtube.com/watch?v=3mwJOUdrGvU&feature=youtu.be
[10] https://scholarships.asu.edu/myportal
[11] https://visit.asu.edu/live-hosted-visit
[12] https://eoss.asu.edu/health/parents/immunization
[13] https://asuportal.pointnclick.com/login_dualauthentication.aspx
[14] https://eoss.asu.edu/health/contact
[14] https://eoss.asu.edu/orientation/new-student
[15] https://asu.starrezhousing.com/StarRezPortalX/EF39AF6A/14/25/Home-Home?UrlToken=0888FD2E
[16] https://housing.asu.edu
[17] https://admission.asu.edu/campus-life/housing-dining
[18] https://my.asu.edu
[19] https://asuprep.asu.edu/
[20] https://success.asu.edu/
[21] https://www.asu.edu/athletics
[22] https://degrees.asu.edu/

[23] https://students.asu.edu/financial-aid
[24] https://eoss.asu.edu/fsl
[25] https://goglobal.asu.edu/
[26] https://housing.asu.edu/
[27] https://veterans.asu.edu/
[28] https://prehealth.asu.edu/
[29] https://prelaw.asu.edu/
[30] https://scholarships.asu.edu/estimator
[31] https://eoss.asu.edu/accessibility
[32] https://eoss.asu.edu/student-and-cultural-engagement
[33] https://ea.asu.edu/
[34] https://admission.asu.edu/first-year/deposit

First-year student FAQs

What does it mean to self-report my courses on the admission application?

During the application process, you will be asked to enter all your courses and grades for school years 9 to 11 as they appear on your official high school transcript. You will also be asked to enter your in-progress courses for year 12.

How do I enter my courses and grades into the admission application?

To accurately enter all information, you must have your high school transcript when filling out the Required High School Courses section in My Grades. All semester, trimester, or quarter grades must be listed in the Required High School Courses section.

The information entered in the Required High School Courses section must match your official transcript if you have been admitted and intend to enroll. Any inaccurate information can result in your admission being revoked.

Am I able to include college courses or dual credit courses I have taken while in high school on my admission application?

Yes, the application gives you the option to self-report any college courses or dual credit courses you have taken before enrolling at ASU.

What should I do if my high school lists my grades numerically?

If your transcript includes a numerical grading scale, click on 100 point based in the Grading System section of your application and then you will select the number range for your grades in the Grades section.

When do I submit my final transcripts for admission to ASU?

If you have been admitted and intend to enroll at ASU, you will need to have your official high school transcripts sent directly to ASU once you graduate. Do not send any official transcripts during the application process or before you graduate.

Source URL: https://admission.asu.edu/contact/faqs#transfer

Admission for homeschool students

Homeschool students at ASU

Arizona State University welcomes homeschool students and recognizes the unique academic experiences these students contribute to our rich, scholarly environment. We have a growing community of home-educated students who thrive at ASU.

We understand that your academic background differs from students who attended traditional public, private or charter schools. As a homeschool student, you can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

Admission requirements

As a homeschool student, you must meet the general requirements for ASU admission, including specific documentation with your application to confirm your completion of the requirements.

First-year student requirements [1]

Transfer student requirements [2]

Steps to apply to ASU as a home school student

Step 01: Complete an undergraduate admission application.

Apply online with ASU's Application for Admission [3] or the Common Application [4]. You need to submit only one application to be considered for admission to ASU.

To expedite the admission decision, self-report your high school grades [5] in the application.

ASU does not have a preference for which application you use to apply. ASU does not require an essay or personal statement in any of these options.

ASU's Application for Admission [6]
Common Application [3]

Step 02: Submit the nonrefundable application fee

Arizona residents: $50
Domestic nonresidents: $70
International nonresidents: $85

You can pay using a credit card (Visa or Mastercard) or eCheck at the time you submit your application or when you log in to My ASU [7]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

If you applied for admission through the Common Application [4], pay the application fee through that application. There is no form, paper or code to submit for an application fee waiver. If your financial circumstances qualify you for an application fee waiver, you will answer a series of questions in the application that will automatically qualify you and post to your account.

Step 03: Transcripts

If you do not self-report your high school grades in the application, you must have your high school send an official copy of your transcripts [8] to ASU.

If you have earned college or university credit, request to have your official transcripts [8] sent to ASU from the issuing institution.

Step 04: Laboratory science courses: (for online high schools ONLY)

ASU requires students to complete 3 different lab sciences. In order to determine if your lab sciences meet our lab science requirement, we may need additional information from you. If we require additional information once your admission application reaches our evaluation team, you will see a Priority Task displayed on your MyASU page titled 'Course Description'. You can provide the additional information required through one of the following:

1. You can have your high school submit your lab sciences to the courseapproval.asu.edu [9] website for ASU to review if it is not already listed on the website.
2. You can submit a course description form [10] for each lab science taken in an accredited online high school environment if not already approved for your entire high school to ASU's homeschool representative [11].
3. You can choose to be evaluated without some or all of your lab science requirements met. Note, if you choose this option, you may not be admissible to the university.

Step 05: Send ACT or SAT scores (not required).

ACT or SAT scores are not required for admission, but may be submitted for ASU course placement and to meet aptitude requirements if you have less than a 3.00 GPA in your competency courses. To find the requirements for your specific program, please visit ASU's Degree Search [12]. Have your scores sent to ASU from ACT [13] or College Board [14] when you register for the test. Learn more about sending your test scores to ASU in our FAQ section [15].

Step 06: Check application status.

Once you've completed all these steps, ASU will review your application. To see if you have any missing items and to review your admission status, log in to My ASU [7] using your ASURITE User ID, which is sent to you after you apply for admission.

Step 07: Fill out the FAFSA.

The Free Application for Federal Student Aid is used to award grants, loans, Federal Work-Study and certain scholarships. We encourage you to compare financial aid and college costs [16]. You can file the FAFSA [17] now. ASU's Federal School Code is 001081.

Step 08: Submit a secondary school education affidavit and high school transcript (if applicable).

Upon completion of your secondary school education, and for any courses completed through homeschool, complete the Affidavit of Completion of Secondary School Education [18]. The affidavit must be completed by a parent or guardian and notarized.

Homeschool applicants may self-report their grades or send a homeschool transcript. A homeschool transcript is a list of courses you have taken and the credit and grade associated with each course.

If you have completed courses through a traditional high school, you may self-report your grades or have your high school send an official copy of your transcripts [8] to ASU.

If you have coursework from both a traditional high school and from homeschool, please self-report grades for both or have a transcript for each sent to ASU.

If you have earned college or university credit, request to have your official transcripts [8] sent directly to ASU from the issuing institution.

Admission to Barrett, The Honors College

Homeschool students who want to be considered for admission to Barrett, The Honors College [19] are encouraged to submit a separate application — early application is strongly suggested. Please contact the Barrett admission staff [20] for help with any questions about the college and application process.

Scholarship opportunities

Homeschool students will be considered for ASU scholarships upon admission. Explore scholarships and additional types of financial aid [21].

Frequently asked questions about homeschool student admission at ASU

Can I be admitted to ASU as a homeschool student?

Yes, ASU welcomes and values all our homeschool students and the special academic experiences they bring to the university. Homeschool students submit the same ASU admission application as students who went to public or private school.

Are homeschool student admission requirements the same as high school student admission requirements?

Yes, like public and private high school students, homeschool students must meet and demonstrate completion of ASU's general requirements for university admission [1].

Can homeschool students apply for financial aid?

Yes, homeschool students are eligible to apply for and receive financial aid. You should submit the Free Application for Federal Student Aid [17] to see how much federal aid you may be eligible to receive. By submitting ACT or SAT scores, ASU will automatically consider you upon admission for a merit scholarship.

View more FAQs [22]

Source URL: https://admission.asu.edu/first-year/homeschool

Links:
[1] https://admission.asu.edu/first-year/apply
[2] https://admission.asu.edu/transfer/apply
[3] https://webapp4.asu.edu/uga_admissionsapp/
[4] https://apply.commonapp.org/Login?ma=901
[5] https://admission.asu.edu/first-year/self-reporting
[6] https://webapp4.asu.edu/uga_admissionsapp/?_ga=2.132384398.1007066791.1657055431-604925191.1657055431
[7] https://my.asu.edu/
[8] https://admission.asu.edu/transcripts
[9] https://courseapproval.asu.edu/
[10] https://admission.asu.edu/sites/default/files/2022-02/science_form_home_school_applications-fillable.pdf
[11] https://admission.asu.edu/findmyrep
[12] https://asu.edu/degrees
[13] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html
[14] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send
[15] https://admission.asu.edu/contact/faqs#general
[16] https://admission.asu.edu/cost-aid
[17] https://fafsa.gov/
[18] https://admission.asu.edu/first-year/homeschool/affidavit
[19] https://barretthonors.asu.edu/
[20] https://barretthonors.asu.edu/about/contact-us
[21] https://scholarships.asu.edu/
[22] https://admission.asu.edu/contact/faqs#freshman

Homeschool affidavit and lab sciences evaluation

Homeschool applicants can submit their homeschool transcript with a signature from a parent/guardian to meet their proof of high school graduation. Should a homeschool transcript not be available, an Affidavit of Completion of Secondary School Education [1] can be completed in lieu of the homeschool transcript but **note** this affidavit will only meet the proof of high school graduation requirement. The affidavit must be completed/signed by the parent or guardian who oversaw the education.

Homeschool students without a high school transcript who need the high school transcript to meet the first year student requirement [2] may complete one of the following high school equivalency exams with scores mentioned below to fulfill their first year student requirement.

*GED battery average score of
- 50 or above for tests taken between 1998-2001
- 500 or above for tests taken between 2002-2013
- 170 or above for tests taken after 2013

*HiSet total score of 75

*TASC (Test Assessing Secondary Completion):
- Minimum total score of 2700
- Minimum score of 500 on each of the five content areas
- Score 2 or above on essay

Laboratory science for online high schools or nonstandard homeschool laboratory science courses ONLY

ASU requires students to complete 3 different lab sciences. In order to determine if your lab sciences meet our lab science requirement, we may need additional information from you. If we require additional information once your admission application reaches our evaluation team, you will see a Priority Task displayed on your MyASU page titled "Course Description." You can provide the additional information required through one of the following:

You can have your high school submit your lab sciences to the
1. the courseapproval.asu.edu [3] website for ASU to review if it is not already listed on the website.
2. You can submit a course description form [4] for each lab science taken in an accredited online high school environment if not already approved for your entire high school to ASU's homeschool representative [5].
3. You can choose to be evaluated without some or all of your lab science requirements met. Note, if you choose this option, you may not be admissible to the university.

Affidavit of Completion of Secondary School Education [1]
Evaluation of Laboratory Science Courses [6]

Having issues downloading a form?

If you are having issues viewing one of the forms above, please follow these instructions:
1. Right-click on link and choose "Save link as...," or similar depending on your browser.
2. Choose the location to save the form.
3. Navigate to the location of the saved form on your computer and double-click it to open.

Source URL: https://admission.asu.edu/first-year/homeschool/affidavit

Links:
[1] https://admission.asu.edu/sites/default/files/2022-0/home-school-affidavit.pdf
[2] https://admission.asu.edu/first-year/apply
[3] https://courseapproval.asu.edu

[4] https://admission.asu.edu/sites/default/files/2022-02/science_form_home_school_applications-fillable.pdf

[5] https://admission.asu.edu/findmyrep

[6] https://admission.asu.edu/sites/default/files/2021-09/science_form_home_school_applications-fillable.pdf

Transfer and second bachelor student admission

How to transfer colleges

Learn how and when to apply to ASU.

Step 1

Your info
Your information video [1] on Youtube

Step 2:

Academic history
Prior education video [2] on Youtube

Step 3:

Grades
My grades video on [3] Youtube

Step 4:

Residency
Arizona residency video [4] on Youtube

Step 5:

Choose a major
Choose major video [5] on Youtube

Step 6:

Submit
Review and certify my application video [6] on Youtube

Step 01: Complete the undergraduate application for admission.

Apply online with ASU's Application for Admission or the Common Application. ASU accepts only one application. We have no preference between the ASU application or the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

ASU's Application for Admission [7]
Common Application [8]

Step 02: Activate My ASU and your ASURITE user ID

You will receive your ASURITE User ID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE User ID will remain the same. You'll use your ASURITE User ID to login to My ASU.

Step 03: Submit the nonrefundable transfer application fee

Arizona residents: $50
Domestic nonresidents: $80
ASU Online: $70
International nonresidents: $85

You can pay for the ASU application fee using a credit card (Visa or MasterCard) or eCheck at the time you submit your transfer application or when you log in to My ASU [9]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

If you applied for admission through the Common Application [8], pay the application fee through that application.

Step 04: Request to have your official transcripts sent to ASU

College or university transcripts

ASU requires official transcripts from all previous institutions attended in order to process your application. Please contact the registrar's office at your college or university and request your official transcripts be sent directly to Admission Services. Official transcripts delivered by hand will be accepted only if they are sealed in the original envelope provided by the community college or university and bear the university seal and the signature of the registrar of the issuing institution.

If your college or university uses Parchment, eSCRIP or National Clearinghouse to send electronic transcripts, please request that your institution sends us your official transcripts by choosing Arizona State University on the request form.

Upon graduation or completion of your final semester at your current school, request a final transcript be sent directly to ASU Admission Services [10] to determine final admission status. Receipt of your final transcript impacts financial aid disbursement and your eligibility to register for classes. (Note: ASU does not accept faxed college transcripts.)

Find out more about transferring credits to ASU [11].

High school transcripts

If you haven't completed an associate degree or higher from a regionally accredited university or college you must submit one of the following:

- Official high school transcript with a graduation date
- Official GED/HiSet transcripts
- Affidavit of Completion of Secondary School Education

ASU accepts hand-delivered official high school transcripts in sealed envelopes from applicants. (ASU does not accept faxed high-school transcripts.)

NOTE: Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university, including previously completed ASU credits, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have graduated from an approved high school (or equivalent) prior to the semester of requested admission at ASU, and to include this information on the application for admission.

If applicable, have your ACT or SAT scores sent directly to ASU. If you have taken AP, IB or CLEP exams, request your scores be sent directly to ASU.

Have your test scores (e.g., ACT, SAT, TOEFL) and official high school or college transcripts sent from the issuing institution to the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

Second bachelor degree students

Students seeking a second baccalaureate degree must meet admission criteria for that degree. High school transcripts are not required unless you have selected a higher requirement degree program that requires it. If admitted, a minimum of 30 credit hours in resident credit courses at ASU must be successfully completed to earn the second baccalaureate degree and all degree and university requirements of the second degree must be met. After admission, your academic advisor in your college will help you determine if there are enough courses to meet the criteria for your chosen program. For more information on additional degrees please visit https://catalog.asu.edu/ug_grad_req [12].

Are you an international transfer student? International transfer student information [13]

Transfer and second bachelor student admission requirements

A transfer applicant is a student who has attended one or more colleges or universities and has completed 12 or more transferable credits post-high school. Students with 11 or fewer transferable credits are considered incoming freshmen.

A second bachelor applicant is a student who has obtained a bachelor degree from another U.S. regionally accredited institution, or an accredited international institution, who has not taken any ASU undergraduate degree seeking courses and who is seeking to apply for a second bachelor degree from ASU.

Competency requirement

You must have completed one of the following:

- graduated from high school
- earned a GED

Aptitude requirement

You must meet one of the following:

- Transfer students with 12–23 transferable credits must also have a minimum 2.50 cumulative transfer GPA and meet first-year student admission requirements [14].
- Transfer students with 24 or more transferable credits must have a minimum 2.50 cumulative transfer GPA.
- Transfer students who have earned an associate degree or higher from a regionally accredited higher education institution must have a minimum 2.00 cumulative GPA (for Arizona residents) or 2.50 cumulative GPA (for nonresidents).

Some majors have higher admission requirements. To find the requirements for your specific program, please visit ASU's Degree Search [15].

"A" = 4.00; ASU accepts college-level courses in which you have earned a "C-" or better.

Schedule a transfer appointment

Make a half-hour appointment with an ASU transfer specialist or college representative to learn more about studying at ASU and get all your questions answered.

Schedule an appointment [16]

Important transfer deadlines

Fall 2022: *

Oct. 1, 2021
2022-2023 FAFSA opens

Jan. 15, 2022
FAFSA priority date

Feb. 1, 2022
Priority admission deadline

Late Feb. 2022
Class registration begins

Aug. 18, 2022
Classes begin

Spring 2023:

Oct. 1, 2022
FAFSA priority date

Oct. 1, 2022
Priority admission deadline

Late Oct. 2022
Class registration begins

Dec. 2022
Submit your final transcripts

Jan. 9, 2023
Classes begin

*Students must submit their FAFSA and application materials by Jan. 15 to be considered for ASU merit and need-based awards. Late applicants will be considered for university admission, but ASU undergraduate degree programs with higher transfer admission standards will give priority consideration to applications submitted by Feb. 1. You can find other important dates on ASU's academic calendar [17].

Frequently asked questions about transferring to ASU

What are ASU transfer requirements?

To apply to ASU as a transfer student, you must have earned either a high school diploma or a GED. Additionally, you must have transferable college credits or an associate degree and meet GPA requirements.

When should I apply to ASU? What are the application deadlines?

ASU uses a rolling admission process that allows for a flexible time frame. ASU typically recommends that students start their steps to apply at least one semester prior to their starting term at ASU. It may take approximately two to six weeks to receive an admission decision once all requested materials are received. Although there are no "hard" deadlines to apply to ASU, there are a few priority dates to keep in mind if you'd like to maximize your opportunities for financial aid. You can review these dates, as well as admission requirements and steps to apply, at admission.asu.edu/transfer/apply [18].

How do I apply for transfer admission to ASU?

If you meet university admission requirements, you can apply for transfer admission by completing the undergraduate student application [7], paying the application fee, and having your official transcripts and test scores to ASU.

View more FAQs [19]

Source URL: https://admission.asu.edu/transfer/apply

Links:
[1] https://youtu.be/68o3q9HYvek
[2] https://youtu.be/iYQIQgu2X2c
[3] https://youtu.be/J7xwYf1NbTU
[4] https://youtu.be/QvcgOihkme8
[5] https://youtu.be/JSUsoRU-zl4
[6] https://youtu.be/lcEiT0ylLJE
[7] https://webapp4.asu.edu/uga_admissionsapp
[8] https://apply.commonapp.org/Login?ma=901
[9] https://my.asu.edu/
[10] https://admission.asu.edu/transcripts
[11] https://admission.asu.edu/transfer/transferring-credits
[12] https://catalog.asu.edu/ug_grad_req
[13] https://admission.asu.edu/contact/international
[14] https://admission.asu.edu/first-year/apply
[15] https://degrees.asu.edu/
[16] https://admission.asu.edu/contact/transfer
[17] https://students.asu.edu/academic-calendar
[18] http://admission.asu.edu/transfer/apply
[19] https://admission.asu.edu/contact/faqs#transfer

Transfer FAQs

How do I know if I'm considered a transfer student?

At ASU, a transfer student is anyone applying for admission who has attended another college or university and has completed 12 or more transferable credits post-high school, at the time of application. If you are completing college courses while in high school you are considered a freshman and not a transfer student.

Do I have to take the ACT or SAT to transfer to ASU?

It depends on your particular situation. If you transfer fewer than 24 transferable credits, you must also meet freshman admission requirements, which may require ACT and SAT scores. Also, some majors, such as business, require a particular ACT or SAT score for admission into the program. Take a peek at the ASU undergraduate Degree Search [9] for admission information specific to your major.

Who can I speak with about my transfer to ASU?

ASU's expert transfer specialists are available to answer your questions and help with your transfer to ASU. Find your transfer specialist [10].

Do I need to send my high school transcripts to apply for admission?

Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have

graduated from an approved high school (or equivalent) prior to the semester of requested admission at ASU, and to include this information on the application for admission.

Do I have to send all my college transcripts as part of my admission application?

Yes, for ASU to determine whether you meet admission requirements, we must evaluate your entire academic history, including course work completed at each college or university attended, regardless of academic performance. College transcripts should be sent directly from your college to:

ASU Admission Services
P.O. Box 871004
Tempe, AZ 85287-1004

I attended ASU previously. Am I a transfer student or a readmission student? Do I need to reapply?

If you have previously attended ASU as a degree-seeking student, you will be considered a readmission student. Please see readmission information [11].

I applied to ASU and was admitted, but did not attend. Do I need to reapply?

Yes, you need to reapply. Be sure to sign in to My ASU [5] to see if any additional items are needed to complete your file.

Do I have to have an associate degree to transfer to ASU?

No, you can transfer to ASU at any time as long as you meet the transfer admission requirements. However, ASU recommends attaining your associate degree before transferring.

As a transfer student, how do I know how many credits can be applied toward my major?

Once you are admitted, you'll work with your academic advisor and review your DARS (Degree Audit Report System) to see which credits apply to you major.

What prerequisites do I need to complete before I can transfer to ASU?

There are no prerequisites required to be admitted to ASU, unless you have fewer than 24 transferable credits. Students with fewer than 24 transferable credits are required to meet freshman admission requirements [12], including aptitude and competency requirements.

Can I live on campus as a transfer student?

Yes, ASU has housing devoted specifically to upper-division students and strongly encourages all students to live on campus during their first year at ASU. For more information, please refer to University Housing [13].

There are also a variety of off-campus housing options in close proximity to ASU's campuses. For more information on off-campus housing, check out Off-Campus Housing [14].

If I'm attending a California community college, is the IGETC/CSU GE required to transfer to ASU?

The IGETC/CSU GE is not a requirement for admission to ASU but is highly recommended. Completing either of the GE patterns and getting certified by your community college will satisfy the General Studies requirements at ASU. Learn more about how to transfer to ASU from a California community college.

What does it mean to get IGETC/CSU GE certified?

Getting certified means you have completed all General Education requirements at your California community college. If you have confirmed with your community college counselor that you are eligible for the certification, ASU will require that you submit the official certification along with your official transcripts to Admission Services.

Currently, I don't meet the Western Undergraduate Exchange admission requirements. Should I wait to apply?

No. Even though you may not currently qualify for WUE, we will always re-evaluate your admission to the program if you currently have courses in progress and submit your final transcripts.

I live in California but would like to meet with an ASU representative in person to discuss the transfer process. Is this possible?

ASU representatives will be attending college transfer fairs and hosting various visits at community colleges throughout California. Find your transfer specialist [10] to ask about upcoming opportunities near you.

How do my credits transfer to ASU?

ASU awards transfer credit for college-level coursework as long as it was completed at a regionally accredited institution, you earned a grade of "C" or higher, and ASU offers an equivalent course. To see how your credits transfer to ASU, use our online Transfer Guide [15]. Click on Course Search to get started. Read more about how your credits transfer to ASU [16], and if you have additional questions, contact your transfer representative [17].

When should I apply to ASU? What are the application deadlines?

ASU uses a rolling admission process that allows for a flexible time frame. ASU typically recommends that students start their steps to apply at least one semester prior to their starting term at ASU. It may take approximately two to six weeks to receive an admission decision once all requested materials are received. Although there are no "hard" deadlines to apply to ASU, there are a few priority dates to keep in mind if you'd like to maximize your opportunities for financial aid. You can review these dates, as well as admission requirements and steps to apply, at admission.asu.edu/transfer/apply [18].

Source URL: https://admission.asu.edu/contact/faqs#accordion-section-t15

Links:
[1] https://about.asu.edu/rankings
[2] https://students.asu.edu/standard-cost-attendance
[3] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send
[4] https://students.asu.edu/residency
[5] https://my.asu.edu/
[6] https://eoss.asu.edu/health/parents/immunization
[7] https://asu.edu/programs
[8] https://yourfuture.asu.edu/me3
[9] https://webapp4.asu.edu/programs
[10] https://transfer.asu.edu/contact
[11] https://students.asu.edu/readmission
[12] https://students.asu.edu/freshman/requirements
[13] https://asu.edu/housing
[14] https://offcampushousing.asu.edu/
[15] https://webapp4.asu.edu/transfercreditguide/app/home?init=false&nopassive=true
[16] https://admission.asu.edu/transfer/transferring-credits
[17] https://admission.asu.edu/contact/transfer
[18] https://admission.asu.edu/transfer/apply

Transfer to ASU from a college or university

How does MyPath2ASU™ work?

MyPath2ASU™ is ASU's transfer admission guarantee. Learn more about all of ASU's diverse degree programs, and how students can get a personalized transfer experience and receive meaningful support when using MyPath2ASU™, by watching the video below. Maria, a former transfer student, used the MyPath2ASU™ tool for her transfer to ASU and explains how MyPath2ASU™ works, the benefits of joining a pathway, how to get started and the transfer student experience at ASU.

Get started with MyPath2ASU™ [1]

Search MyPath2ASU™majors [2]

How Does MyPath2ASU™ Work?: Transferring to ASU [3] video on Youtube

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [4]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [5] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

The benefits of transferring with MyPath2ASU

Guaranteed general admission

Guaranteed general admission to ASU and admission into major of choice if all requirements are satisfied*. Some majors have additional or higher admission requirements.

400+ on-campus and online pathways

Every student experiences a different degree path. MyPath2ASU™ includes over 400+ immersive and online pathways, so every transfer student can fuel their own college experience.

Minimize loss of credit

Use personalized course-by-course transfer maps that are curated to take the guesswork out of transfer work. MyPath2ASU™ assists you in selecting the right courses to take at your current transfer institution for your ASU bachelor's degree.

Self-service transfer tools

Receive direct access to my MyPath2ASU™ and the additional Transfer Guide tools that are available to assist in planning your path to ASU. You will be able to manage your Transfer Pathways, request course evaluations, save course searches, save exam searches and more.

Personalized support

Receive communication per major of choice to help you academically prepare for your ASU major. Access to ASU's transfer specialists and pre-enrollment services and invitations to special events to ASU.

Save time and money

MyPath2ASU™ features My Transfer Guide, a personalized portal to effortlessly track your own degree progress. From the very beginning, ASU works with you to figure out how your credits will transfer and plan your path to graduation.

Learn more by attending an ASU virtual event

Explore your visit options

Welcome all transfer students. Explore the many live-hosted sessions [6] with ASU enrollment and academic team members and current students who can answer your questions. Navigate the MyPath2ASU™ transfer experience and learn more about ASU's admission and enrollment processes. Explore each of our campuses through live-hosted virtual visit [6] experiences, walking tours [7] and on-demand virtual tours [8].

Sign up [9]

Your next steps to applying to ASU

As you're completing your community college coursework, if you have questions about the admission process, requirements or transcripts contact your transfer coordinator and they will be happy to help.

Or if you're ready to apply to ASU, you can begin your application for admission up to a year before you are ready to transfer.

How and when to apply [10]
Contract a transfer coordinator [11]

If you signed a TAG agreement prior to summer 2017, find your degree program outline [12].

College and university alliances

ASU strives to serve students and communities across Arizona and the country. Working in partnership with community colleges, local communities and other educational institutions, ASU specialty alliances offer high-demand programs for students in various modalities to allow customizable ways to finish their bachelor's degree.

Maricopa – MyPath2ASU [13]
AAS to BAS [14]
ASU at Pinal [15]
ASU at Yuma [16]
ASU at Yavapai [17]
ASU at The Gila Valley [18]
ASU at Cochise [19]
ASU at Pima [20]
ASU at Northeastern Arizona [21]
BYU-Idaho [22]
Acceso ASU [23]

Admission requirements

*General university admission is guaranteed upon successful completion of the following conditions:1) Completion of an associate degree from a regionally accredited higher education institution with a minimum 2.00 cumulative GPA (Arizona residents) or 2.50 cumulative GPA (nonresidents) or 2) completion of 24 or more transferable semester credits post-high school with a minimum cumulative transfer GPA of 2.50 (4.00 = "A") and verification of high school graduation or the equivalent. NOTE: Some ASU colleges and schools have additional or higher requirements for admission into their majors. Students will also need to submit an Arizona State University admission application, including an application fee and other required documents, such as official college/university transcripts. MyPath2ASU™ pathway programs are based on a minimum of 24 transfer credit hours; students with fewer than 24 credit transfer credit hours will need to meet the appropriate admission [10] requirements. International students will need to meet international admission requirements [24].

Frequently asked questions about transfer pathway programs

What is MyPath2ASU™ and how does it affect my MAPP, TAG, or GPA agreement?

MyPath2ASU™ is a new set of customized tools to help students transfer from community college to ASU. It makes transferring colleges seamless by allowing students to plan their path to transfer into their major at ASU by taking the right classes. Your MAPP, TAG or GPA agreement has been updated to a MyPath2ASU™. No changes are necessary.

When should I sign up for MyPath2ASU™ and how long do I have to complete it?

Students can sign up for MyPath2ASU™ when they enroll in community college. Upon signing your MyPath2ASU™ agreement, you have four academic years to complete a MyPath2ASU™.

Can I change my major after I sign up for MyPath2ASU™?

Yes, you can change your major.

If you are a student from Maricopa County Community College District you can update your pathway agreement by signing up for a new MAPP MyPath2ASU™. For all other students, you can change your pathway agreement by logging into My Transfer Guide account and updating your current MyPath2ASU™ agreement.

View more FAQs [25]

Source URL: https://admission.asu.edu/transfer/MyPath2ASU

Links:
[1] https://webapp4.asu.edu/transfercreditguide/app/institutionselection
[2] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[3] https://www.youtube.com/watch?v=VmjenYOmV00
[4] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[5] https://webapp4.asu.edu/uga_admissionsapp
[6] https://visit.asu.edu/live-hosted-visit
[7] https://visit.asu.edu/schedule
[8] https://tours.asu.edu/
[9] https://visit.asu.edu/live-hosted-visit
[10] https://admission.asu.edu/transfer/apply
[11] https://admission.asu.edu/contact/transfer
[12] https://admission.asu.edu/agreement
[13] https://admission.asu.edu/transfer/maricopa
[14] https://admission.asu.edu/transfer/aas-bas-pathways
[15] https://admission.asu.edu/transfer/pinal
[16] https://admission.asu.edu/transfer/asu-yuma
[17] https://admission.asu.edu/transfer/asuyavapai
[18] https://admission.asu.edu/transfer/the-gila-valley
[19] https://admission.asu.edu/transfer/asu-cochise
[20] https://admission.asu.edu/transfer/asu-pima
[21] https://admission.asu.edu/transfer/asu-northeastern-arizona
[22] https://admission.asu.edu/transfer/byu-idaho
[23] https://mexico.asu.edu/
[24] https://admission.asu.edu/international/undergrad-student
[25] https://admission.asu.edu/contact/faqs#transfer

Maricopa Community College transfer students

Welcome, Maricopa Community College students

Transferring from the Maricopa County Community College District to Arizona State University can be a smooth process when planned. As a Maricopa student, you have a couple of ways to earn your bachelor's degree at ASU. Find what works best for you and we'll help you plan your path.

MyPath2ASU™

MyPath2ASU™ helps you plan and complete prescribed coursework designed for a smooth transition to ASU to earn your bachelor's degree.

Sign up for MAPP MyPath2ASU™ [1]

MyPath2ASU™ majors

These ASU degree programs are available through the MyPath2ASU™ and are options for all Maricopa Community Colleges, though course offerings vary by Maricopa location. Search by campus, area of interest, keyword, or ASU college or school, or show all available MyPath2ASU™.

[Archivist's note: major selector tool unable to be archived]

Get started with your MAPP MyPath2ASU™ transfer experience

Step 01: Sign up for MyPath2ASU™

Visit mapp.maricopa.edu [1], enter your Maricopa Enterprise ID (MEID) and password and click **Login**. Identify your current transfer institution, complete your profile, and choose from more than 400 on-campus and online pathways.

MAPP MyPath2ASU™ sign-up [1]

Step 02: Access ASU My Transfer Guide

Once you have received your ASURITE User ID in your email (about two weeks after signing up), go to mypath2asu.asu.edu [2] and click **Sign Up**. Then click **Sign In** below "I have an ASU account." Enter your ASURITE User ID and password and click **Sign In** again. You'll be taken to the Transfer Guide homepage, where you can access your personalized ASU My Transfer Guide.

Access my Transfer Guide [3]

Step 03: View your transfer coursework

Now that you have signed in, create your MyPath2ASU™ and favorite ♡ your pathway in your My Transfer Guide to keep track of your transfer coursework. Remember, you do not need to sign up for MyPath2ASU™ on the ASU website, as you have already signed up on the Maricopa website.

Access [2] your ASU My Transfer Guide any time to use ASU's self-service tools. View MyPath2ASU™ to see how your courses apply to your ASU bachelor's degree, request course evaluations from non-Maricopa schools, save your transfer courses and more!

Step 04: Prepare to transfer to ASU

Meet with ASU transfer coordinators [4] for assistance applying to ASU and attend special ASU events [5]. Apply to ASU one year before completing your MyPath2ASU™ for the fall semester and six months for spring semester. Make sure to report your ASU ID number on the application and use the same ASURITE User ID to check your application status.

Learn more by attending an ASU virtual event

Explore your visit options

Welcome all transfer students. Explore the many live-hosted sessions [6] with ASU enrollment and academic team members and current students who can answer your questions. Navigate the MyPath2ASU™ transfer experience and learn more about ASU's admission and enrollment processes. Explore each of our campuses through live-hosted virtual visit [6] experiences, walking tours [7] and on-demand virtual tours [8].

Sign up [6]

MyPath2ASU™ benefits

MyPath2ASU™ is your suite of customized self-service transfer tools.

Guaranteed general admission

Earn guaranteed general admission to ASU and to your MyPath2ASU™ major of choice if all requirements are satisfied. (Some majors have additional or higher admission requirements.)

Self-service transfer tools

Fully connect your academic progress to ASU by gaining direct access to self-service transfer tools that provide information about course applicability and degree progress tracking.

Save

Save time and money by planning your path to degree completion.

Connect

Connect with transfer student ambassadors and ASU transfer coordinators, access pre-enrollment services, and receive invitations to special ASU events.

Customized pathways

Select classes through customized course-by-course pathways to minimize loss of credit.

Personalized communication

Prepare academically with personalized communication for your major of choice.

MyPath2ASU™ tools and resources

Transfer Guide

Learn how credits from other colleges and universities that you have attended will transfer to ASU. Search for ASU course equivalencies or request a transfer course evaluation.

More about the Transfer Guide [9]

ASU career services

As a MyPath2ASU™ student, you'll have access ASU Career and Professional Development Services, career advising, career assessment and job search tools. You will need your ASURITE UserID and password to access services. Note that some services have fees.

Go to career services [10]

AAS to BAS: Bachelor of Applied Science

Bachelor of Applied Science degrees are designed specifically for students who have earned an Associate of Applied Science.

- Students who have earned an AAS from a regionally accredited institution may transfer **60 credit hours** toward their BAS.
- Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer **up to 75 credits** toward their BAS.

Plan to meet with an academic advisor to ensure your courses will meet degree requirements.

[Archivist's note: By college MCCCD search tool unable to be archived]

Source URL: https://admission.asu.edu/transfer/maricopa

Links:
[1] https://mapp.maricopa.edu/
[2] https://webapp4.asu.edu/transfercreditguide/app/home?init=fall&nopassive=true
[3] https://tcg.asu.edu

[4] https://admission.asu.edu/contact/transfer

[5] https://visit.asu.edu/transferevents

[6] https://visit.asu.edu/live-hosted-visit

[7] https://visit.asu.edu/schedule

[8] https://tours.asu.edu/

[9] https://webapp4.asu.edu/transfercreditguide/app/home

[10] https://eoss.asu.edu/cs

Associate of Applied Science to Bachelor of Applied Science

Bachelor of Applied Science degrees are designed specifically for students who have earned an Associate of Applied Science.

- Students who have earned an AAS from a regionally accredited institution may transfer 60 credit hours toward their BAS.
- Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward their BAS.

Plan to meet with an academic advisor to ensure your courses will meet degree requirements. Bachelor of Applied Science degrees are paired with Associate of Applied Science degrees listed by community college partners.

Arizona Western College [1]
Central Arizona College [2]
Cochise College [3]
Coconino Community College [4]
Diné College [5]
Eastern Arizona College [6]
Gila Community College [7]
Maricopa Community Colleges [8]
Mohave Community College [9]
Northland Pioneer College [10]
Pima Community College [11]
Tohono O'odham Community College [12]
Yavapai College [13]

Arizona Western College

- Accounting [14]
- Air Conditioning [15]
- Air Conditioning STEM Emphasis [16]
- Applied Agriculture [17]
- Automotive Technology [18]
- Automotive Technology (STEM Emphasis) [19]
- Broadcasting [20]
- Business [21]
- Carpentry [22]
- Carpentry (STEM Emphasis) [23]
- Community Health Worker [24]
- Computer Graphics [25]
- Computer Information Systems [26]
- Construction Trades Management [27]
- Construction Trades Management (STEM Emphasis) [28]
- Culinary Arts [29]
- Culinary Arts (General Education Emphasis) [30]
- Drafting CAD Technology [31]
- Drafting CAD Technology (STEM Emphasis) [32]
- Early Childhood Education [33]
- Electrical Technology [34]
- Electrical Technology (STEM Emphasis) [35]
- Emergency and Disaster Management [36]
- Emergency Medical Services: Paramedic [37]
- Fire Science [38]
- Industrial Technology [39]
- Industrial Technology (STEM Emphasis) [40]
- Informatics [41]
- Manufacturing [42]
- Massage Therapy [43]
- Media Arts [44]
- Medical Assistant [45]

- Nursing [46]
- Paralegal Studies [47]
- Plumbing [48]
- Plumbing (STEM Emphasis) [49]
- Radiologic Technology [50]
- Solar Photovoltaic Installation [51]
- Solar Photovoltaic Installation (STEM Emphasis) [52]
- Television Production [53]
- Welding [54]
- Welding Technology (STEM Emphasis) [55]

Central Arizona College

- Accounting [56]
- Agribusiness [57]
- Automated Industrial Technology [58]
- Business [59]
- Computer Business Applications [60]
- Culinary Arts [61]
- Diesel Technology [62]
- Digital Media Arts [63]
- Early Childhood Education [64]
- Early Childhood Education - Infant-Toddler [65]
- Equine Management and Training [66]
- Fire Science Technology [67]
- Health Information Management [68]
- Heavy Equipment Operator [69]
- Hotel and Restaurant Management [70]
- Justice Studies [71]
- Justice Studies [72]
- Live Audio and Lighting [73]
- Massage Therapy [74]
- Medical Assistant [75]
- Medical Laboratory Technician [76]
- Networking Technologies [77]
- Nursing [78]
- Nutrition and Dietetic Technician [79]
- Paramedicine [80]
- Pipe Welding [81]
- Popular Music Performance [82]
- Radiologic Technology [83]
- Recording Engineering [84]
- Software Development [85]
- Structural Fabrication Welding [86]

Cochise College

- Animal Science [87]
- Automotive Technology [88]
- Building Construction Technology [89]
- Business Management [90]
- Cisco and Linux Networking [91]
- Computer Information Systems [92]
- Computer Programming [93]
- Crop Science [94]
- Culinary Arts [95]
- Cybersecurity [96]
- Digital Media Arts [97]
- Early Childhood Care and Education [98]
- Education [99]
- Intelligence Operations Studies [100]
- Law Enforcement [101]
- Network Technology [102]
- Nursing [103]
- Paramedicine [104]
- Professional Pilot Technology [105]
- Residential Construction Technology [106]
- Unmanned Aerial Vehicle Flight Operator [107]
- Unmanned Aircraft Systems Technician [108]
- Welding Technology [109]

Coconino Community College

- Administration of Justice [110]
- Business, Accounting Specialization [111]
- Business, Business Specialization [112]
- Computer Technology [113]
- Construction and Industry Trades [114]
- Construction Technology [115]
- Cybersecurity [116]
- Environmental Technology: Alternative Energy Technician [117]
- Fire Science [118]
- Hospitality Management, Hotel Emphasis [119]
- Hospitality Management, Restaurant Emphasis [120]
- Medical Office Management [121]
- Nursing [122]
- Paramedic Studies [123]
- Pre Health Careers [124]
- Sustainable Green Building [125]

Diné College

- Business Management [126]

- Office Administration [127]

Eastern Arizona College

- Administration of Justice [128]
- Advanced Manufacturing Technology [129]
- Automotive Service Technology [130]
- Business [131]
- Computer Assisted Design and Drafting Technology [132]
- Computer Information Specialist [133]
- Cosmetology [134]
- Early Childhood Education [135]
- Early Childhood Education - BAS Track [136]
- Electrical & Instrumentation Technology [137]
- Environmental Technology [138]
- Fire Science [140]
- Graphic Design [141]
- Media Communications [142]
- Nursing [143]
- Personal Trainer [144]
- Small Business Management [145]
- Welding Technology [146]

Gila Community College

- Administration of Justice [147]
- Administration of Justice - BAS Track [148]
- Advanced Manufacturing Technology [149]
- Automotive Service Technology [150]
- Business [151]
- Computer Assisted Design and Drafting Technology [152]
- Computer Information Specialist [153]
- Cosmetology [154]
- Early Childhood Education [155]
- Early Childhood Education - BAS Track [156]
- Electrical & Instrumentation Technology [157]
- Environmental Technology [158]
- Fire Science [159]
- Graphic Design [160]
- Media Communications [161]
- Nursing [162]
- Personal Trainer [163]
- Small Business Management [164]
- Welding Technology [165]

Mohave Community College

- Accounting [166]
- Business and Entrepreneurship [167]
- Computer Graphics and Web Design [168]
- Computer Information Systems Administration [169]
- Culinary Arts Management [170]
- Cybersecurity and Network Support [171]
- Dental Hygiene [172]
- Fire Science [173]
- Health Care Information Technician [174]
- Nursing - Registered Nursing (RN) [175]
- Paralegal [176]
- Paramedic Emphasis [177]
- Physical Therapist Assistant [178]
- Radiologic Technology [179]
- Surgical Technology [180]
- Surgical Technology, CST Pathway [181]

Northland Pioneer College

- Automotive Technology [182]
- CIS-Software and Web Development [183]
- Computer Information Systems [184]
- Construction Technology [185]
- Cosmetology [186]
- Cybersecurity [187]
- Early Childhood Studies [188]
- EIT Electrical [189]
- EIT Electrical and Instrumentation [190]
- EIT Industrial Electrical, Motors, and PLC's [191]
- EIT Industrial Mechanics and Fluid Power [192]
- EIT Industrial Plant Operations [193]
- EIT Instrumentation [194]
- EIT Mechanical Maintenance [195]
- EIT Operations/Maintenance [196]
- Entrepreneurship [197]
- Film and Digital Video [198]
- Fire Science [199]
- LNA to RN [200]
- LPN to RN [201]
- Management and Leadership [202]
- Medical Assistant [203]
- Medical Office Administration [204]
- Paramedic to Nursing [205]
- Paramedicine [206]
- Therapeutic Massage Program [207]
- Welding [208]

Pima Community College

- Accounting [209]
- Automotive Industrial Technology [210]
- Automotive Technology [211]
- Aviation Technology - Structural Repair Concentration [212]
- Aviation Technology- Aircraft Airframe Mechanics Concentration [213]
- Aviation Technology- Aircraft Powerplant Mechanics Concentration [214]
- Building & Construction Technologies [215]
- Business [216]
- Clinical Research Coordinator [217]
- Computer Aided Design - Construction Concentration [218]
- Computer Aided Design - Mechanical/Electro-Mechanical Concentration [219]
- Cyber Security [220]
- Dental Hygiene [221]
- Dental Laboratory Technology [222]
- Digital Arts - Design Concentration [223]
- Digital Arts - Web Design Concentration [224]
- Digital Film Arts & Animation- Digital and Film Arts Concentration [225]
- Digital Film Arts & Animation- Digital Animation Concentration [226]
- Digital Game and Simulation, Digital Animation and Production Concentration [227]
- Digital Game and Simulation, Digital Programming Concentration [228]
- Early Childhood Studies [229]
- Emergency Medical Technology - Paramedic [230]
- Fire and Emergency Services Higher Education (FESHE) [231]
- Health Information Technology [232]
- Hospitality Leadership, Baking & Pastry Concentration [233]
- Hospitality Leadership, Culinary Concentration [234]
- Hospitality Leadership, Hotel/Restaurant Management Concentration [235]
- Hospitality Leadership, Hotel/Restaurant Management Transfer Concentration [236]
- Justice Professions, Administration of Justice Concentration [237]
- Justice Professions, Law Enforcement Concentration [238]
- Logistics and Supply Chain Management [239]
- Machine Tool Technology [240]
- Medical Laboratory Technician [241]
- Networking/ Cyber Defense [242]
- Nursing [243]
- Paralegal [244]
- Programmer/Cyber Security Analyst [245]
- Radiologic Technology [246]
- Respiratory Care [247]
- Social Services [248]
- Surgical Technology [249]
- Veterinary Technician [250]
- Welding and Fabrication [251]

Tohono O'odham Community College

- Business Management [252]
- Computer Information Systems [253]
- Early Childhood Education [254]

Yavapai College

- Accounting [255]
- Administration of Justice [256]
- Administrative Professional [257]
- Agriculture Technology Management [258]
- Applied Pre-Engineering [259]
- Automotive Technology [260]
- Aviation Technology (Airplane/Helicopter/Ops/UAS) [261]
- Computer Networking Technology [262]
- Computer Systems and Applications [263]
- Diesel Technician [264]
- Early Childhood Education [265]
- Electrical and Instrumentation Technology [266]
- Emergency Management Applications [267]
- Fire Science [268]
- Graphic Design [269]
- Gunsmithing [271]
- Health Information Technology [272]
- Industrial Machine Mechanic [273]
- Management [274]
- Medical Assistant [275]
- Nursing [276]
- Paralegal Studies [277]
- Paramedicine [278]
- Radiologic Technology [279]
- Social and Human Services [280]

- Video Game Development [281]
- Viticulture and Enology [282]

Source URL: https://admission.asu.edu/transfer/aas-bas-pathways#dine

Links:
[1] https://admission.asu.edu/transfer/aas-bas-pathways#arizona
[2] https://admission.asu.edu/transfer/aas-bas-pathways#central
[3] https://admission.asu.edu/transfer/aas-bas-pathways#cochise
[4] https://admission.asu.edu/transfer/aas-bas-pathways#coconino
[5] https://admission.asu.edu/transfer/aas-bas-pathways#dine
[6] https://admission.asu.edu/transfer/aas-bas-pathways#eastern
[7] https://admission.asu.edu/transfer/aas-bas-pathways#gila
[8] https://admission.asu.edu/transfer/maricopa#aas
[9] https://admission.asu.edu/transfer/aas-bas-pathways#mohave
[10] https://admission.asu.edu/transfer/aas-bas-pathways#northland
[11] https://admission.asu.edu/transfer/aas-bas-pathways#pima
[12] https://admission.asu.edu/transfer/aas-bas-pathways#tohono
[13] https://admission.asu.edu/transfer/aas-bas-pathways#yavapai
[14] https://admission.asu.edu/aas-bas/accounting-2?comm-college=Arizona%20Western%20College
[15] https://admission.asu.edu/aas-bas/air-conditioning?comm-college=Arizona%20Western%20College
[16] https://admission.asu.edu/aas-bas/air-conditioning-stem-emphasis?comm-college=Arizona%20Western%20College
[17] https://admission.asu.edu/aas-bas/applied-agriculture?comm-college=Arizona%20Western%20College
[18] https://admission.asu.edu/aas-bas/automotive-technology-3?comm-college=Arizona%20Western%20College
[19] https://admission.asu.edu/aas-bas/automotive-technology-stem-emphasis?comm-college=Arizona%20Western%20College
[20] https://admission.asu.edu/aas-bas/broadcasting?comm-college=Arizona%20Western%20College
[21] https://admission.asu.edu/aas-bas/business?comm-college=Arizona%20Western%20College
[22] https://admission.asu.edu/aas-bas/carpentry?comm-college=Arizona%20Western%20College
[23] https://admission.asu.edu/aas-bas/carpentry-stem-emphasis?comm-college=Arizona%20Western%20College
[24] https://admission.asu.edu/aas-bas/community-health-worker?comm-college=Arizona%20Western%20College
[25] https://admission.asu.edu/aas-bas/computer-graphics?comm-college=Arizona%20Western%20College
[26] https://admission.asu.edu/aas-bas/computer-information-systems-2?comm-college=Arizona%20Western%20College
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[223] https://admission.asu.edu/aas-bas/digital-arts-design-concentration?comm-college=Pima%20Community%20College

[224] https://admission.asu.edu/aas-bas/digital-arts-web-design-concentration?comm-college=Pima%20Community%20College

[225] https://admission.asu.edu/aas-bas/digital-film-arts-animation-digital-and-film-arts-concentration?comm-college=Pima%20Community%20College

[226] https://admission.asu.edu/aas-bas/digital-film-arts-animation-digital-animation-concentration?comm-college=Pima%20Community%20College

[227] https://admission.asu.edu/aas-bas/digital-game-and-simulation-digital-animation-and-production-concentration?comm-college=Pima%20Community%20College

[228] https://admission.asu.edu/aas-bas/digital-game-and-simulation-digital-programming-concentration?comm-college=Pima%20Community%20College

[229] https://admission.asu.edu/aas-bas/early-childhood-studies?comm-college=Pima%20Community%20College

[230] https://admission.asu.edu/aas-bas/emergency-medical-technology-paramedic?comm-college=Pima%20Community%20College

[231] https://admission.asu.edu/aas-bas/fire-and-emergency-services-higher-education-feshe?comm-college=Pima%20Community%20College

[232] https://admission.asu.edu/aas-bas/health-information-technology-1?comm-college=Pima%20Community%20College

[233] https://admission.asu.edu/aas-bas/hospitality-leadership-baking-pastry-concentration?comm-college=Pima%20Community%20College

[234] https://admission.asu.edu/aas-bas/hospitality-leadership-culinary-concentration?comm-college=Pima%20Community%20College

[235] https://admission.asu.edu/aas-bas/hospitality-leadership-hotelrestaurant-management-concentration?comm-college=Pima%20Community%20College

[236] https://admission.asu.edu/aas-bas/hospitality-leadership-hotelrestaurant-management-transfer-concentration?comm-college=Pima%20Community%20College

[237] https://admission.asu.edu/aas-bas/justice-professions-administration-justice-concentration?comm-college=Pima%20Community%20College

[238] https://admission.asu.edu/aas-bas/justice-professions-law-enforcement-concentration?comm-college=Pima%20Community%20College

[239] https://admission.asu.edu/aas-bas/logistics-and-supply-chain-management?comm-college=Pima%20Community%20College

[240] https://admission.asu.edu/aas-bas/machine-tool-technology?comm-college=Pima%20Community%20College

[241] https://admission.asu.edu/aas-bas/medical-laboratory-technician-0?comm-college=Pima%20Community%20College

[242] https://admission.asu.edu/aas-bas/networking-cyber-defense?comm-college=Pima%20Community%20College

[243] https://admission.asu.edu/aas-bas/nursing-3?comm-college=Pima%20Community%20College

[244] https://admission.asu.edu/aas-bas/paralegal?comm-college=Pima%20Community%20College

[245] https://admission.asu.edu/aas-bas/programmercyber-security-analyst?comm-college=Pima%20Community%20College

[246] https://admission.asu.edu/aas-bas/radiologic-technology-4?comm-college=Pima%20Community%20College

[247] https://admission.asu.edu/aas-bas/respiratory-care-0?comm-college=Pima%20Community%20College

[248] https://admission.asu.edu/aas-bas/social-services?comm-college=Pima%20Community%20College

[249] https://admission.asu.edu/aas-bas/surgical-technology?comm-college=Pima%20Community%20College

[250] https://admission.asu.edu/aas-bas/veterinary-technician?comm-college=Pima%20Community%20College

[251] https://admission.asu.edu/aas-bas/welding-and-fabrication?comm-college=Pima%20Community%20College

[252] https://admission.asu.edu/aas-bas/business-management?comm-college=Tohono%20O%27odham%20Community%20College

[253] https://admission.asu.edu/aas-bas/computer-information-systems?comm-college=Tohono%20O%27odham%20Community%20College

[254] https://admission.asu.edu/aas-bas/early-childhood-education-6?comm-college=Tohono%20O%27odham%20Community%20College

[255] https://admission.asu.edu/aas-bas/accounting-13?comm-college=Tohono%20O%27odham%20Community%20College

[256] https://admission.asu.edu/aas-bas/administration-justice-1?comm-college=Tohono%20O%27odham%20Community%20College

[257] https://admission.asu.edu/aas-bas/administrative-professional-6?comm-college=Tohono%20O%27odham%20Community%20College

[258] https://admission.asu.edu/aas-bas/agriculture-technology-management?comm-college=Tohono%20O%27odham%20Community%20College

[259] https://admission.asu.edu/aas-bas/applied-pre-engineering?comm-college=Tohono%20O%27odham%20Community%20College

[260] https://admission.asu.edu/aas-bas/automotive-technology?comm-college=Tohono%20O%27odham%20Community%20College

[261] https://admission.asu.edu/aas-bas/aviation-technology-airplanehelicopteropsuas?comm-college=Tohono%20O%27odham%20Community%20College

[262] https://admission.asu.edu/aas-bas/computer-networking-technology?comm-college=Tohono%20O%27odham%20Community%20College

[263] https://admission.asu.edu/aas-bas/computer-systems-and-applications?comm-college=Tohono%20O%27odham%20Community%20College

[264] https://admission.asu.edu/aas-bas/diesel-technician?comm-college=Tohono%20O%27odham%20Community%20College

[265] https://admission.asu.edu/aas-bas/early-childhood-education-9?comm-college=Tohono%20O%27odham%20Community%20College

[266] https://admission.asu.edu/aas-bas/electrical-and-instrumentation-technology?comm-college=Tohono%20O%27odham%20Community%20College

[267] https://admission.asu.edu/aas-bas/emergency-management-applications?comm-college=Tohono%20O%27odham%20Community%20College

[268] https://admission.asu.edu/aas-bas/fire-science-4?comm-college=Tohono%20O%27odham%20Community%20College

[269] https://admission.asu.edu/aas-bas/graphic-design-1?comm-college=Tohono%20O%27odham%20Community%20College

[270] https://admission.asu.edu/aas-bas/gunsmithing?comm-college=Tohono%20O%27odham%20Community%20College

[271] https://admission.asu.edu/aas-bas/gunsmithing?comm-college=Tohono%20O%27odham%20Community%20College

[272] https://admission.asu.edu/aas-bas/health-information-technology?comm-college=Tohono%20O%27odham%20Community%20College

[273] https://admission.asu.edu/aas-bas/industrial-machine-mechanic?comm-college=Tohono%20O%27odham%20Community%20College

[274] https://admission.asu.edu/aas-bas/management-8?comm-college=Tohono%20O%27odham%20Community%20College

[275] https://admission.asu.edu/aas-bas/medical-assistant-0?comm-college=Tohono%20O%27odham%20Community%20College

[276] https://admission.asu.edu/aas-bas/nursing-2?comm-college=Tohono%20O%27odham%20Community%20College

[277] https://admission.asu.edu/aas-bas/paralegal-studies-0?comm-college=Tohono%20O%27odham%20Community%20College

[278] https://admission.asu.edu/aas-bas/paramedicine-4?comm-college=Tohono%20O%27odham%20Community%20College

[279] https://admission.asu.edu/aas-bas/radiologic-technology-2?comm-college=Tohono%20O%27odham%20Community%20College

[280] https://admission.asu.edu/aas-bas/social-and-human-services?comm-college=Tohono%20O%27odham%20Community%20College

[281] https://admission.asu.edu/aas-bas/video-game-development?comm-college=Tohono%20O%27odham%20Community%20College

[282] https://admission.asu.edu/aas-bas/viticulture-and-enology?comm-college=Tohono%20O%27odham%20Community%20College

ASU at Pinal

Earn your ASU degree at Central Arizona College

Earn a bachelor's degree from Arizona State University without leaving Pinal County. ASU and Central Arizona College have established a partnership that allows you to complete your associate degree at CAC and then pursue your ASU bachelor's degree through classes delivered at the CAC Corporate Center. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Students must be (or previously have been) enrolled and completed credits at Central Arizona College to continue taking classes through the Pinal location.

Available undergraduate programs at CAC

Applied Science (Applied Leadership), BAS* [1]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

This BAS program is a valuable degree option for students with an Associate of Applied Science degree. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments – to be team leaders, floor managers and shift captains.

Learn more about this AAS to BAS program and see what AAS programs are compatible with this degree [2].

Organizational Leadership, BA [3]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well-versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGEC requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

See course descriptions and sample schedule [4].

Organizational Leadership (Project Management), BA [5]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

For more information, contact Gerry West at gerald.l.west@asu.edu [6].

Up to an additional 15 hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division

general studies requirements are not complete prior to transferring, the courses can be taken at CAC or ASU. All degree requirements must be met prior to graduation from ASU.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [7]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [8] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Save money

Through the ASU and Central Arizona College partnership, you're able to learn from ASU instructors and earn the same high quality degree you'd earn on an ASU campus, all at a reduced tuition rate. And you can use financial aid and scholarships toward your costs. That, along with the money you'll save by staying in your hometown, adds up to one affordable degree.

Tuition Estimator [9]

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [10]

Source URL: https://admission.asu.edu/transfer/pinal

Links:
[1] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false
[2] https://admission.asu.edu/aas-bas/central-arizona-college
[3] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false
[4] https://admission.asu.edu/transfer/pinal/org-leadership
[5] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false
[6] mailto:gerald.l.west@asu.edu
[7] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[8] https://webapp4.asu.edu/uga_admissionsapp
[9] https://students.asu.edu/tuition
[10] https://admission.asu.edu/contact/transfer

ASU at Yuma

Earn your ASU degree at Arizona Western College

Earn a bachelor's degree from Arizona State University without leaving Yuma. ASU and Arizona Western College have established a partnership that allows you to complete your associate degree at AWC and then pursue your ASU bachelor's degree through classes delivered on the AWC campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Students must be (or previously have been) enrolled and completed credits at Arizona Western College to continue taking classes through the @Yuma location.

Available undergraduate programs at AWC

Criminology and Criminal Justice, BS [1]

Earn a degree that will help prepare you for a career in law enforcement, probation, parole, corrections, private security, court personnel, legal offices or victim advocate agencies. This program introduces you to the fundamental foundations of criminal justice and criminology by preparing you to think critically, contribute to society and enhance public safety. Learn about the causes of crime, the role of criminal justice agencies in the control of crime and the consequences of crime. Study the sociological, psychological, biological and economical explanations for individual crime as well as the differences in crime over time and across neighborhoods, states and countries. Gain an understanding of the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.

See course descriptions and sample schedule [2].

For more information about this program, contact Jim Eustace at jeeustac@asu.edu [3].

Organizational Leadership, BA* [4]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGEC requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

For more information, contact Gerry West at gerald.l.west@asu.edu [5].

Complete your teaching degree with ASU Sync

In the ASU Sync classroom, students and professors connect together from different locations across the state of Arizona, in real time via Zoom. Students progress through evening classes together, along with their professors, who provide support toward earning a bachelor's degree. Students complete the professional experiences required for certification in person at a school in their community. At this time, students interested in earning a bachelor's degree leading to teacher certification and living outside of Maricopa County can take advantage of ASU Sync.

Elementary education and special education, BAE [6]

Earn a dual certification to educate children: Mild-moderate disabilities special education in grades K–12 and elementary education for grades K–8. Develop the knowledge and skills to successfully teach elementary school students, as well as children requiring special education in any grade.

Secondary education, BAE [7]

Prepare to be an educator for youth enrolled in grades 6-12. You'll develop a strong theoretical background and gain the requisite teaching knowledge and abilities to successfully teach middle or high school students.

Note: Both education programs provide quality preparation through Mary Lou Fulton Teachers College Professional Pathways, our suite of internships and residencies that expose you to more ways of teaching and learning. You'll work with the support of ASU faculty members, helping you problem-solve while offering you as much support as possible. The result? School hiring managers tell us Teachers College graduates enter the education workforce with the poise and skills of second-year teachers.

For additional information, visit education.asu.edu/awc [8] or contact Laura Corr, laura.corr@asu.edu [9] or 928-317-6205.

Up to 15 additional hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Arizona Western College or ASU. All degree requirements must be met prior to graduation from ASU.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [10]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [11] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [12]

Source URL: https://admission.asu.edu/transfer/asu-yuma

Links:
[1] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/PPCRIMJBS/undergrad/false
[2] https://admission.asu.edu/transfer/asu-yuma/criminology-criminal-justice
[3] mailto:jeeustac@asu.edu
[4] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false
[5] mailto:gerald.l.west@asu.edu
[6] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESPEBAE/undergrad/false
[7] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false
[8] https://education.asu.edu/awc
[9] mailto:laura.corr@asu.edu
[10] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[11] https://webapp4.asu.edu/uga_admissionsapp
[12] https://admission.asu.edu/contact/transfer

ASU at Yavapai

Earn your degree at Yavapai College

Earn a bachelor's degree from Arizona State University without leaving Yavapai County. ASU and Yavapai College have established a partnership that allows you to complete your associate degree at Yavapai College and then pursue your ASU bachelor's degree through classes delivered on the campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

ASU classes will be offered on-site at Yavapai College or in a hybrid format, which blends in-person and online instruction.

Yavapai College, Prescott Valley Campus
6955 Panther Path, Prescott Valley, AZ 86314

Students must be (or previously have been) enrolled and completed credits at Yavapai College to continue taking classes through the Yavapai location.

Available undergraduate programs at Yavapai College

Applied Science (Health Sciences), BAS* [1]

This is an excellent option if you have already earned or are earning an AAS and want to advance your career in health care. Designed for both entering and current employees in the health and health care fields, a concentration in health sciences will prepare you for advancement in your primary field, positions in management, and advanced educational and instructional expertise. Gain the knowledge and skills to find innovative and creative ways to improve the health of individuals and communities.

For more information on this program, contact Jackie Ries at Jries@asu.edu [2].

Applied Science (Applied Leadership), BAS* [3]

This is an ideal program if you have already earned or are earning an AAS degree. Prepare for leadership positions in a wide variety of organizations and career fields. This program focuses on the practice of innovative and effective leadership to help you develop the skills and knowledge to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

Organizational Leadership, BA [4]

Advance your career and become a leader in your organization. Develop the skills and knowledge to manage resources, communicate effectively, use emerging technologies and lead projects.

Organizational Leadership (Project Management), BA [5]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

For more information, contact Gerry West at Gerald.L.West@asu.edu [6].

Complete your teaching degree with ASU Sync

In the ASU Sync classroom, students and professors connect together from different locations across the state of Arizona, in real time via Zoom. Students progress through evening classes together, along with their professors, who provide support toward earning a bachelor's degree. Students complete the professional experiences required for certification in person at a school in their community. At this time, students interested in earning a bachelor's degree leading to teacher certification and living outside of Maricopa County can take advantage of ASU Sync.

Secondary education, BAE [7]

Prepare to be an educator for youth enrolled in grades 6-12. You'll develop a strong theoretical background and gain the requisite teaching knowledge and abilities to successfully teach middle or high school students.

For more information, contact Kurt Palmer at kwpalme1@asu.edu [8].

Up to 15 additional hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Yavapai College or ASU. All degree requirements must be met prior to graduation from ASU.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [9]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [10] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered. Contact your transfer specialist [11]

Source URL: https://admission.asu.edu/transfer/asuyavapai

Links:
[1] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUHSCBAS/undergrad/false
[2] mailto:Jries@asu.edu
[3] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false
[4] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false
[5] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false
[6] mailto:Gerald.L.West@asu.edu
[7] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false
[8] mailto:kwpalme1@asu.edu
[9] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[10] https://webapp4.asu.edu/uga_admissionsapp
[11] https://admission.asu.edu/contact/transfer

ASU at The Gila Valley

Earn your ASU degree at Eastern Arizona College

Earn a bachelor's degree from Arizona State University without leaving Thatcher, Safford and the surrounding areas. ASU and Eastern Arizona College have established a partnership that allows you to complete your associate degree at EAC and then pursue your ASU bachelor's degree through classes delivered on the EAC Thatcher campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Students must be (or previously have been) enrolled and completed credits at Eastern Arizona College to continue taking classes through the at The Gila Valley location.

Available undergraduate programs at EAC

Applied Science (Applied Leadership), BAS* [1]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources. This BAS program is a valuable degree option for students with an Associate of Applied Science degree in fields such as fire science, environmental technology, machine shop technology, welding technology and more. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments — to be team leaders, floor managers and shift captains.

Learn more about this AAS to BAS program and see what AAS programs are compatible with this degree [2]

Business (Business Administration), BA [3]

In the BA program in business with a concentration in business administration, students gain a breadth of knowledge and the skills needed for managing business operations. The program provides the full business core plus a concentration with 18 credit hours of coursework focused on skills such as forecasting demand; planning inventory; purchasing services; conducting skillful negotiations; building strategies for the future; and managing people, finances and risk.
For more information, contact wpcareyug@asu.edu [4]

Organizational Leadership, BA [5]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well versed in leadership styles, communication strategies, managing resources, assessing programs and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGEC requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

See course descriptions and sample schedule. [6]

Organizational Leadership (Project Management), BA [7]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership, and more.

For more information on the three degrees above, contact Gerry West at Gerald.L.West@asu.edu [8].

Nursing, BSN [9]

Eastern Arizona College and ASU have partnered to offer a Baccalaureate Nursing Program at EAC. This concurrent enrollment program is for nursing students who meet specific criteria. The program allows students to earn their AAS in Nursing from EAC while simultaneously earning their BSN from ASU. The partnership offers the following:

- hybrid classes (in-person classes with online components)
- qualified ASU faculty members from the Thatcher area
- RN-BSN courses taken in a cohort model

For more information about this program, contact Taylor Nance at eac.cep@asu.edu [10].

Complete your teaching degree with ASU Sync

In the ASU Sync classroom, students and professors connect together from different locations across the state of Arizona, in real time via Zoom. Students progress through evening classes together, along with their professors, who provide support toward earning a bachelor's degree. Students complete the professional experiences required for certification in person at a school in their community. At this time, students interested in earning a bachelor's degree leading to teacher certification and living outside of Maricopa County can take advantage of ASU Sync.

Elementary education and special education, BAE [11]

Earn a dual certification to educate children: Mild-moderate disabilities special education in grades K–12 and elementary education for grades K–8. Develop the knowledge and skills to successfully teach elementary school students, as well as children requiring special education in any grade.

Secondary education, BAE [12]

Prepare to be an educator for youth enrolled in grades 6–12. You'll develop a strong theoretical background and gain the requisite teaching knowledge and abilities to successfully teach middle or high school students.

Note: Both education programs provide quality preparation through Mary Lou Fulton Teachers College Professional Pathways, our suite of internships and residencies that expose you to more ways of teaching and learning. You'll work with the support of ASU faculty members, helping you problem-solve while offering you as much support as possible. The result? School hiring managers tell us Teachers College graduates enter the education workforce with the poise and skills of second-year teachers.

For more information about these education programs, contact Laura Corr at Laura.Corr@asu.edu [13].

*Up to 15 additional hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Eastern Arizona College or ASU. All degree requirements must be met prior to graduation from ASU.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [14]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [15] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [16]

ASU at Cochise

Earn your ASU degree at Cochise College

Earn a bachelor's degree from Arizona State University without leaving Sierra Vista. ASU and Cochise College have established a partnership that allows you to complete your associate degree at Cochise and then pursue your ASU bachelor's degree through classes delivered on the Cochise campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Students must be (or previously have been) enrolled and completed credits at Cochise College to continue taking classes through the at Cochise location.

Available undergraduate programs at Cochise College

Applied Science (Applied Leadership), BAS* [1]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

This BAS program is a valuable degree option for students with an Associate of Applied Science degree. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments – to be team leaders, floor managers and shift captains.

Organizational Leadership, BA [2]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGEC requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

Organizational Leadership (Project Management), BA [3]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

For more information, contact Gerry West at Gerald.L.West@asu.edu [4]

*Up to 15 additional hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Cochise or ASU. All degree requirements must be met prior to graduation from ASU.

AAS in Intelligence Operations Studies [5]

Pursuing an AAS in intelligence operations studies? ASU in partnership with Cochise College recognizes the unique work and areas of study that many members of the military often pursue as part of their service. With a completed AAS degree in intelligence operations studies, you can smoothly transfer 60 credits towards a BAS degree in applied leadership.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [6]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [7] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [8]

Source URL: https://admission.asu.edu/transfer/asu-cochise

Links:
[1] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false
[2] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false
[3] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false
[4] mailto:Gerald.L.West@asu.edu
[5] https://admission.asu.edu/aas-bas/intelligence-operations-studies
[6] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[7] https://webapp4.asu.edu/uga_admissionsapp
[8] https://admission.asu.edu/contact/transfer

ASU at Pima

Earn your ASU degree at Pima Community College

Earn a bachelor's degree from Arizona State University without leaving Pima County. ASU and Pima Community College have established a partnership that allows you to complete your associate degree and then pursue your ASU bachelor's degree through classes delivered at Pima Community College. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

ASU classes will be offered on-site at Pima Community College or in a hybrid format, which blends in-person and online instruction.

Pima Community College, West campus
2202 West Anklam Rd.
Tucson, AZ 85709

Students must be (or previously have been) enrolled and completed credits at Pima Community College to continue taking classes through the at Pima location.

Available undergraduate programs at Pima Community College

Applied Science (Applied Leadership), BAS * [1]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

This BAS program is a valuable degree option for students with an Associate of Applied Science degree. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments – to be team leaders, floor managers and shift captains.

Organizational Leadership, BA [2]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well-versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGEC requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

Organizational Leadership (Project Management), BA [3]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more

For more information, contact Gerry West at Gerald.L.West@asu.edu [4]

Complete your teaching degree with ASU Sync

In the ASU Sync classroom, students and professors connect together from different locations across the state of Arizona, in real time via Zoom. Students progress through evening classes together, along with their professors, who provide support toward earning a bachelor's degree. Students complete the professional experiences required for certification in person at a school in their community. At this time, students interested in earning a bachelor's degree leading to teacher certification and living outside of Maricopa County can take advantage of ASU Sync.

Secondary education, BAE [5]

Prepare to be an educator for youth enrolled in grades 6-12. You'll develop a strong theoretical background and gain the requisite teaching knowledge and abilities to successfully teach middle or high school students.

For more information, contact Kurt Palmer at kwpalme1@asu.edu [6].

* Up to an additional 15 hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Pima or ASU. All degree requirements must be met prior to graduation from ASU.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [7]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

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- Apply [8] to transfer to ASU
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Finish your ASU degree

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Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [9]

Source URL: https://admission.asu.edu/transfer/asu-pima

Links:
[1] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false
[2] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false
[3] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false
[4] mailto:Gerald.L.West@asu.edu
[5] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false?init=false
[6] mailto:kwpalme1@asu.edu
[7] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[8] https://webapp4.asu.edu/uga_admissionsapp
[9] https://admission.asu.edu/contact/transfer

ASU at Northeastern Arizona

Earn your ASU degree at Northland Pioneer College

Earn a bachelor's degree from Arizona State University without leaving Holbrook, Show Low, Snowflake, and Winslow. ASU and Northland Pioneer College have established a partnership that allows you to complete your associate degree at NPC and then pursue your ASU bachelor's degree through classes delivered on an NPC campus or center location. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Students must be (or previously have been) enrolled and completed credits at Northland Pioneer College to continue taking classes through the at Northeastern Arizona location.

Available undergraduate programs at NPC

Complete your teaching degree with ASU Sync

In the ASU Sync classroom, students and professors connect together from different locations across the state of Arizona, in real time via Zoom. Students progress through evening classes together, along with their professors, who provide support toward earning a bachelor's degree. Students complete the professional experiences required for certification in person at a school in their community. At this time, students interested in earning a bachelor's degree leading to teacher certification and living outside of Maricopa County can take advantage of ASU Sync.

Secondary education, BAE [1]

Earn your certification and develop the knowledge and skills to successfully teach grades 6–12. While teacher candidates develop a strong theoretical background in their specific content areas, the education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. The program's professional experience component provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. Choose from concentrations in math, science, English or history.

For additional information, visit education.asu.edu/npc [2] or contact Kurt Palmer, kwpalme1@asu.edu [3] or 928-792-8030.

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [4]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- Apply [5] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact a transfer specialist [6]

Source URL: https://admission.asu.edu/transfer/asu-northeastern-arizona

Links:

[1] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false

[2] https://education.asu.edu/npc

[3] mailto:kwpalme1@asu.edu

[4] https://webapp4.asu.edu/transfercreditguide/app/transfermap

[5] https://webapp4.asu.edu/uga_admissionsapp

[6] https://admission.asu.edu/contact/transfer

BYU Idaho transfer student

BYU Idaho students who wish to transfer to ASU have two transfer options.

MyPath2ASU™

MyPath2ASU™ is a set of customized tools to help transfer students from U.S. regionally accredited institutions (including international students transferring from U.S. regionally accredited institutions). MyPath2ASU™ creates a seamless transfer experience to ASU after earning credits or an associate's degree from a U.S. community college or university. Plan a path into your major of choice by taking classes that transfer to ASU—shortening your time to degree completion.

Get Started with MyPath2ASU [1]

Search MyPath2ASU majors [2]

The Associate of Applied Science to Bachelor of Applied Science program

The AAS to BAS programs is for students who have completed an Associate of Applied Science from BYU-Idaho and want to complete a Bachelor of Applied Science in a complementary discipline at ASU.

The completed Associate of Applied Science must be transcripted on a BYU-Idaho transcript.

Learn more [3]

Learn more by attending an ASU virtual event

Explore your visit options

Welcome all transfer students. Explore the many live-hosted sessions [4] with ASU enrollment and academic team members and current students who can answer your questions. Navigate the MyPath2ASU™ transfer experience and learn more about ASU's admission and enrollment processes. Explore each of our campuses through live-hosted virtual visit [4] experiences, walking tours [5] and on-demand virtual tours [6].

Sign up [7]

Your next steps to applying to ASU

As you're completing your community college coursework, if you have questions about the admission process, requirements or transcripts contact your transfer coordinator and they will be happy to help.

Or if you're ready to apply to ASU, you can begin your application for admission up to a year before you are ready to transfer.

How and when to apply [8]

Contact a transfer coordinator [9]

Source URL: https://admission.asu.edu/transfer/byu-idaho

Links:

[1] https://admission.asu.edu/transfer/MyPath2ASU

[2] https://webapp4.asu.edu/transfercreditguide/app/transfermap

[3] https://admission.asu.edu/aas-bas/brigham-young-university-idaho

[4] https://visit.asu.edu/live-hosted-visit

[5] https://visit.asu.edu/schedule

[6] https://tours.asu.edu/

[7] https://visit.asu.edu/live-hosted-visit

[8] https://admission.asu.edu/transfer/apply

[9] https://admission.asu.edu/contact/transfer

AAS to BAS for Brigham Young University Idaho

Transfer simplified

If you're pursuing an Associate of Applied Science from BYU-Idaho, then an ASU Bachelor of Applied Science degree might be the perfect fit for you. This program allows you to transfer 60 credit hours from your Associate of Applied Science degree toward a compatible Bachelor of Applied Science at ASU, with guaranteed admission if you have earned at least a 2.5 grade point average from BYU-Idaho. The completed Associate of Applied Science must be transcripted on a BYU-Idaho transcript.

Identify the AAS degree you are currently earning at BYU-Idaho and determine your preference for your BAS.

- Applied Business Management [1]
- Applied Communication [2]
- Applied Health [3]
- Applied Technology [4]
- Family History Research [5]
- Marriage and Family Studies [6]
- Professional Studies

Source URL: https://admission.asu.edu/aas-bas/brigham-young-university-idaho

Links:

[1] https://admission.asu.edu/aas-bas/applied-business-management?comm-college=Mohave%20Community%20College

[2] https://admission.asu.edu/aas-bas/applied-communication?comm-college=Mohave%20Community%20College

[3] https://admission.asu.edu/aas-bas/applied-health?comm-college=Mohave%20Community%20College

[4] https://admission.asu.edu/aas-bas/applied-technology?comm-college=Mohave%20Community%20College

[5] https://admission.asu.edu/aas-bas/family-history-research?comm-college=Mohave%20Community%20College

[6] https://admission.asu.edu/aas-bas/marriage-and-family-studies?comm-college=Mohave%20Community%20College

[6] https://admission.asu.edu/aas-bas/professional-studies?comm-college=Mohave%20Community%20College

Acceso ASU

Acceso ASU [1]   Becas ASU-CONACYT [2]   Becas Arizona-Sonora [3]

The objective

To increase access to higher education at ASU, to interested DREAMers and other bilingual English-Spanish students, while offering them an international and intercultural experience at select Mexican universities.

Who is eligible?

Currently enrolled ASU undergraduate students, both immersive and online.

What is it?

Acceso ASU allows students to take online courses included in the ASU's Transfer Guide [4], offered by select Mexican university partners. While enrolled at a Mexican university, students pay that university's tuition and can benefit from different tuition rates. Mexican partners' tuition starts from approximately $150 USD [5] per course.

Once students successfully pass courses at the Mexican university partners, they can submit their transcript to ASU to have credits evaluated for transfer to their ASU program.

How does it work?

Students are encouraged to consult their academic advisors to identify which courses included in the ASU's Transfer Guide [4], offered by Acceso ASU's Mexican partners, are suitable for transfer to their specific program. A list of advisors is available here [6].

For course descriptions offered by Mexican partners, not provided in the ASU's Transfer Guide, please visit this ◢ link for Tecmilenio [7] and this ◢ link for UNITEC [8].

In addition to the potential economic benefit, students can:
1. Practice Spanish language skills through academic immersion
2. Enrich their academic experience with an international focus
3. Earn an acknowledgement of international experience, upon taking three online courses with a university partner

How do I search for courses offered by the participating Mexican universities?

To search for course equivalencies, access the ASU's Transfer Guide [4] and select "International" for the institution type, then enter "Mexico" for the country, and enter the name of the university partner:
- University of Guadalajara (UdeG)
- Technological University of Mexico (UNITEC)
- Universidad Tecmilenio

What types of courses have been evaluated for the Acceso program?

The courses evaluated for the Acceso program include undergraduate online courses that transfer to ASU elective, department elective, general studies, and/or direct equivalency:
- University of Guadalajara's subjects include: organization management, educational development, cultural management, digital journalism, technologies and information, citizen security, librarianship and knowledge management.
- Technological University of Mexico (UNITEC)'s subjects include: business administration, public accounting, law (BA), marketing, pedagogy, international business, animation and digital design, psychology, industrial engineering and administration, software and network engineering.
- Universidad Tecmilenio's subjects include: administrative computing engineering, administration, law (BA), publicity and marketing, industrial and systems engineering, international business and trade, education and development, business psychology.

Information about our Mexican university-partners

Tecnológico de Monterrey

Tecnológico de Monterrey (ITESM) is a private, not-for-profit, world-renowned university in Mexico. It has 26 campuses throughout Mexico, and more than 90,000 students that attend its high school, undergraduate and graduate programs.

It is a world pioneer on virtual education, which it launched in 1989.

Among other accreditations, ITESM is affiliated to the Southern Associations of Colleges and Schools (SACS), recognized by the U.S. Department of Education.

* The program with Tecnológico de Monterrey (ITESM) is managed by the Global Education office as a special virtual exchange opportunity. For more info visit: https://studyabroad.asu.edu/index.cfm?FuseAction=Programs.ViewProgramAng... [9]

Additional Information:
Learn more at: University-partner Website [10] | Application Guide [9]

Universidad Tecmilenio

Universidad Tecmilenio is a private university, founded in 2002, as part of the Tecnológico de Monterrey System. It currently has 32 campuses located in 18 states of Mexico and Tecmilenio Online. It offers high school programs, 28 undergraduate programs, 8 executive programs, and 9 master's programs. Tecmilenio serves over 56,000 students.

A distinctive element of Tecmilenio's education model is the emphasis on students' long-term well-being, based on Positive Psychology.

How to apply: https://youtu.be/t9GtjSt4tlc [11]

Miriam Sillero: msillero@tecmilenio.mx [12]

Learn more at: University-partner Website [13] | Application Guide [14] | Cost Information [15]

The Universidad Tecnológica de México (UNITEC)

The Universidad Tecnológica de México (UNITEC) is a private university owned by Laureate located in Mexico City, and in the states of Guanajuato, Jalisco, México and Querétaro. UNITEC has more than 50 years of experience delivering high school and higher education. UNITEC serves over 90,000 students.

How to apply: https://youtu.be/FQwMLlo_TTw [16]

Mauricio Monroy Eligio: mmonroye@mail.unitec.mx [17]

Learn more at: University-partner Website [18] | Application Guide [19] | Cost Information [20]

Universidad de Guadalajara (UdeG)

Universidad de Guadalajara (UdeG) is the second largest public Mexican university. It serves more than 280,200 students. It is a renowned university based in the state of Jalisco. UdeG's Virtual University offers undergraduate and graduate programs.

Partner will be active fall 2022.

Additional Information:

Learn more at: University-partner Website [21] | Application Guide [22] | Cost Information [23]

Spanish language resources

Our university-partners offer most of their courses in Spanish. Interested students are encouraged to take Spanish language courses and identify tutoring resources to ensure academic success as part of this transfer program. Below are some available resources.

- ASU Online, Spanish classes [24]
- ASU School of International Letters and Cultures [25]
- Maricopa Community Colleges, Spanish and Spanish Culture [26]
- University of Guadajara Foundation, in Los Angeles, CA Programa de Español y Cultura Mexicana [27]
- Mobile apps such as Mondly [28], Babbel [29], etc.
- Spain's Instituto Cervantes [30] in Albuquerque, NM offers online Spanish courses, learn more here [31].

For more information about Acceso ASU email:
Flor Derat, MBA.
Executive Administrative Support Specialist
Mexico and Latin America Initiatives
ASU, Office of University Affairs
acceso.asu@asu.edu [32]

ASU contact:
Paola Garcia Hidalgo, M.PAff.
Director, Mexico and Latin America Initiatives
ASU, Office of University Affairs
pgarciah@asu.edu [33]

Source URL: https://mexico.asu.edu/scholarships

Links:
[1] https://mexico.asu.edu/scholarships#dreamers
[2] https://mexico.asu.edu/scholarships#conacyt
[3] https://mexico.asu.edu/scholarships#sonoran
[4] https://webapp4.asu.edu/transfercreditguide/app/searchcourses?init=false&nopassive=true
[5] https://tecmilenio.mx/es/calculadora-de-costos
[6] https://students.asu.edu/advising/directory
[7] https://mexico.asu.edu/sites/default/files/acceso_tecmilenios_course_list.pdf
[8] https://mexico.asu.edu/sites/default/files/acceso_unitec_course_list.pdf
[9] https://studyabroad.asu.edu/index.cfm?FuseAction=Programs.ViewProgramAngular&id=11414
[10] https://tec.mx/en
[11] https://youtu.be/t9GtjSt4tlc
[12] mailto:msillero@tecmilenio.mx
[13] https://tecmilenio.mx/en/filosofia-institucional
[14] https://tecmilenio.mx/es/proceso-de-admisiones/pasos
[15] https://tecmilenio.mx/es/colegiaturas/costos
[16] https://youtu.be/FQwMLlo_TTw
[17] mailto:mmonroye@mail.unitec.mx
[18] https://www.unitec.mx/
[19] https://www.unitec.mx/admision-unitec/
[20] https://www.unitec.mx/calcula-tu-beca/
[21] http://www.udg.mx/en/welcome-university-guadalajara
[22] http://biblioteca.udgvirtual.udg.mx/jspui/bitstream/123456789/119/4/Gu%c3%ada del aspirante de pregrado.pdf
[23] https://www.udgvirtual.udg.mx/costos

[24] https://go.asuonline.asu.edu/lpppc-language/?utm_source=google&utm_medium=cpc&utm_campaign=LANG-BRAND-P&utm_term=%2Basu%20%2Bspanish%20%2Bclasses&utm_content=ASU-Span-Classes-MBM&utm_initiative=GoogleBrand&gclid=EAIaIQobChMIv9O_8KqB5wIVFcRkCh01AAhDEAAYASAAEgJ-vfD_BwE
[25] https://silc.asu.edu/
[26] https://www.maricopa.edu/degrees-certificates/culture-society/spanish-spanish-culture-6243n-ac
[27] https://www.udgusa.org/actividades?id=1&t=Actividades+Acad%C3%A9micas
[28] https://app.mondly.com/
[29] https://www.babbel.com/
[30] https://albuquerque.cervantes.es/es/sobre_nosotros_espanol.htm
[31] https://albuquerque.cervantes.es/es/cursos_espanol/cursos_espanol.htm
[32] mailto:acceso.asu@asu.edu
[33] mailto:pgarciah@asu.edu

Transferring credits to ASU

When you transfer to ASU from another college or university, the following general standards for transfer credits apply. You can use ASU transfer tools to learn how credits will transfer and begin creating your roadmap to graduation.

Transfer Guide

ASU's Transfer Guide is a helpful online tool to assist you in your transfer planning process. Manage your Transfer Pathways, requested course evaluations, saved courses searches, saved exam searches and more.

View the Transfer Guide [1]

How credits transfer to ASU

When you transfer to ASU from another college or university, the following general standards for transfer credits apply. You can use ASU transfer tools to learn how credits will transfer and begin creating your roadmap to graduation.

Accepted credits

ASU accepts college-level (not remedial) courses in which transfer students have earned a grade of "C" (4.00="A") or better from regionally accredited colleges and universities.

Applicability

The applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU.

Credit hours

A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college, with the exception of some special programs. An unlimited number of credits hours will be accepted from four-year institutions. Upon admission to the university, you will work with an ASU academic advisor to determine how your transferable credits apply toward your selected major.

Credit conversion

Acceptable academic credits earned at other institutions that are based on a different unit of credit than the one prescribed by the Arizona Board of Regents are subject to conversion before being transferred to ASU. All ASU students must meet graduation requirements (university, college, major and general studies requirements) to earn a four-year degree.

Degree requirements

The ASU college of your major determines how transfer courses fulfill the degree requirements of your ASU major. You should review the degree requirements of the program into which you intend to transfer and talk with an academic advisor about your transfer credits and how they will apply to your degree program.

Determining GPA

Grades and honor points that you earned at other colleges and universities are considered for admission, but your ASU cumulative grade point average is based solely on coursework taken at ASU.

Types of transfer credits not accepted by ASU:

- courses in which you earned below "C-" as your final grade
- credit awarded by postsecondary schools in the United States that lack candidate status or are not accredited by a regional accrediting association
- credit awarded by postsecondary schools for life experience
- credit awarded by postsecondary schools for courses taken at noncollegiate institutions (e.g., governmental agencies, corporations, industrial firms, etc.)
- credit awarded by postsecondary schools for noncredit courses, workshops and seminars offered by other postsecondary schools as part of continuing education programs

Students wishing to transfer to ASU and who feel they have been unjustly denied credit for transfer courses may appeal to the appropriate committee.

Military credits

ASU is proud to welcome transfer student veterans of the Army, Navy, Air Force, Marines, Coast Guard and National Guard to our undergraduate student community.

Evaluation of military transcripts

ASU uses the American Council on Education's Guide to the Evaluation of Educational Experiences in the Armed Services [2] to assess how to transfer military credits to ASU. In general, a military course must be similar to an ASU undergraduate course to transfer to ASU.

Military credits that transfer to ASU through educational experiences in the armed services are not applicable toward completing ASU's general studies requirements [3] for graduation, but do count for total credits toward completion. No transfer credit is awarded for vocational certificate category ACE recommendations.

The JST is reviewed for potential transfer credit in accordance with VA guidelines and Arizona statutes related to awarding credit for military training and education. Credits are evaluated at the time of JST submission to ASU. It is recommended the JST be sent to ASU upon application to ensure timely processing and evaluation.

Military transcripts accepted by ASU

ASU accepts the following military transcripts to transfer credits:

- JST [4] (Joint Services Transcript)
- Air University Transcript (formerly Community College of the Air Force) [5]

The CCAF is a regionally accredited community college. This transcript must be submitted as part of a student veteran's admission package for anyone who served in the United States Air Force, Air Force Reserve or Air Guard.

Veterans exception

By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining admissibility. This exception may be used only one time and applies only to veterans who:

- are honorably discharged
- have served in the armed forces of the United States for a minimum of two years
- have previously enrolled at a university or community college in Arizona

Military service records must be submitted, including form DD 214.

Credit by exam

You may earn no more than 60 hours of credit by exam for any degree program, including ASU comprehensive and proficiency exams.

ASU's credit by exam policy [6]

Frequently asked questions about transferring college credits

How do I transfer college credits to ASU?

You can transfer credits to ASU by requesting your transcripts from all colleges you have attended and have them sent directly to ASU. Then, when you have completed the admission application, paid the application fee and are admitted to ASU, your qualifying credits will automatically be added to your ASU Degree Audit.

How many college credits can be transferred to ASU?

You can transfer a maximum of 64 college credits from a regionally accredited community, junior or two-year college for courses in which you have earned a "C" (4.00 = "A") or better.

What is the ASU Transfer Guide?

ASU's Transfer Guide [7] is a useful tool that shows how college courses you've already taken will transfer to ASU. If you don't see a particular course in the Transfer Guide, you can request a course evaluation.

View more FAQs [8]

Source URL: https://admission.asu.edu/transfer/transferring-credits

Links:
[1] https://tcg.asu.edu
[2] http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx
[3] https://catalog.asu.edu/ug_gsr
[4] https://jst.doded.mil/smart/signIn.do
[5] https://www.airuniversity.af.edu/Barnes/CCAF/Display/article/803247/community-college-of-the-air-force-transcripts/
[6] https://catalog.asu.edu/credit_exam
[7] https://webapp4.asu.edu/transfercreditguide/app/home
[8] https://admission.asu.edu/contact/faqs#transfer

Admitted transfer student next steps

Welcome to Arizona State University

You're now on your way to becoming part of the most innovative and forward-thinking university in the nation. And by choosing ASU, you will become a part of a community of master learners and doers who will support you during your journey at ASU.

We've gathered your next steps to help you prepare for your transition to ASU — plus we've added some extras for you to enjoy. You'll be getting a lot of information about ASU in the coming months. This guide highlights the most important things to know so you'll be prepared for your new Sun Devil status.

First day of classes

Enrolling for spring
2022 Classes begin Jan. 10, 2022

Enrolling for fall 2022
Classes begin Aug. 18, 2022

View Academic Calendar [1]

Countdown to ASU

As you prepare to attend Arizona State University, you might have some questions. Use this Countdown to ASU website as your go-to resource for everything you need to know about getting ready for college, and register for some helpful events to get all your questions answered.

View the countdown [2]

Need help?

We're here for you.
ASU admission specialists can answer your questions and guide you through each step of the enrollment process between now and the time you get here. Get to know yours.

Find my rep [3]

Your next steps as an admitted transfer student

They say the longest journey begins with a single step. Well, enrolling at ASU isn't really a "long journey," but it does begin with one step, followed by a few more. Start taking your steps and checking them off as you complete them so you can be on your way to becoming a Sun Devil.

Activate your ASURITE User ID

Your ASURITE User ID grants you access to My ASU and university services. See your admission letter for details if you haven't activated your ASURITE User ID yet.

When you activate your ASURITE User ID, you will select to have your ASU email forwarded to a personal account. It's important to check your email often for time-sensitive notifications and next steps about enrollment. You'll have access to your official ASU email when classes begin. You can check which email your ASU email is forwarding to by looking in the profile tab in My ASU.

If you previously applied to ASU, use your existing ASURITE User ID to activate and log in to My ASU and your ASU email.

Activate ASURITE [4]

Need help? You can find your activation code in an email from computer.accounts@asu.edu [5] with the subject line "ASU Account Activation." If you need assistance, call 1-855-278-5080 or 480-965-6500.

Start the New Transfer Student Orientation experience

In the New Transfer Student Orientation, you will prepare to take classes in the fall by completing essential next steps for enrollment. To access it, log into My ASU [6] to view details under Priority Tasks, or check out the New Transfer Student Orientation Experience website [7].

Transfer Orientation [7]

Register for classes

You must meet with an academic advisor before you can register for classes. You can find your advisor's contact information in My ASU [6] under the Academic Support Team box. You may want to review the Transfer Guide [8] to view course equivalencies before meeting with your academic advisor.

Register on My ASU [6]

Submit your FAFSA

The Free Application for Federal Student Aid is available now. Submit your completed FAFSA as soon as possible. **ASU's Federal School Code is 001081.**

Spring 2023: Complete the 2022-2023 FAFSA
Fall 2022: Complete the 2022-2023 FAFSA

Submit your FAFSA [9]

Apply for scholarships

Transfer scholarships are available to help pay for tuition, housing, books and other costs when you transfer to ASU.

Apply [10]

Submit your MMR immunization verification form

You must submit your measles (rubeola), mumps and rubella immunization form **before classes begin**. You can fax, email or mail your records to ASU Health Services [11].

Immunization form [11]

Explore housing options

On-campus housing is **limited** for transfer students. You are encouraged to submit your housing application as soon as possible.

Learn more [12]

Request final transcripts

As soon as you graduate or complete your current semester or term, request an official final transcript be sent from your college or university to ASU's Admission Services.

Learn more [13]

Review parking and transportation

Cars are not the only way to get to ASU. The bus and light rail are affordable options too, and students walk, bike or skateboard on campus.

Review options [14]

Visit campus

If you haven't toured campus already, visiting is the best way to get an idea of what life is like as a Sun Devil. Schedule a socially-distanced walking tour [15] with a campus tour guide at all of ASU's campuses. If you can't make it in person, take a virtual tour [16] — or if you'd rather explore campus on your own, take a self-guided audio tour [17] to hear about every major campus attraction.

Visit campus [18]

Attend welcome events

Get to know your campus and meet other transfer students at ASU's free welcome events. Explore the event schedule to discover which ones to attend.

Explore events [19]

Virtual admit packet

The downloads below include the transfer students "Next steps" brochure and a guide to My ASU.

Spring 2023 virtual admit packet

Download [20]

Fall 2022 virtual admit packet

Download [21]

Source URL: https://admission.asu.edu/transfer/admitted

Links:
[1] https://students.asu.edu/academic-calendar
[2] https://yourfuture.asu.edu/transfer/countdown
[3] https://admission.asu.edu/contact/transfer
[4] https://weblogin.asu.edu/password/activation
[5] mailto:computer.accounts@asu.edu
[6] https://my.asu.edu/
[7] https://newstudentorientation.apps.asu.edu/
[8] https://tcg.asu.edu/
[9] https://students.asu.edu/financialaid
[10] https://admission.asu.edu/cost-aid
[11] https://eoss.asu.edu/health/contact
[12] https://housing.asu.edu/
[13] https://admission.asu.edu/transcripts
[14] https://cfo.asu.edu/transportation
[15] https://visit.asu.edu/schedule
[16] https://tours.asu.edu/
[17] https://tours.asu.edu/sites/default/files/asu_mobile_app_tours_instructions.pdf
[18] https://visit.asu.edu/
[19] https://eoss.asu.edu/welcome/events
[20] https://admission.asu.edu/sites/default/files/2022-09/56657_TransferSpringAdmitPacket_NextSteps_Digital.pdf
[21] https://admission.asu.edu/sites/default/files/2021-11/trn_falladmitpacketnextsteps_digital-combined.pdf

International student admission

International first-year student admission

Review the requirements and follow the steps below to apply to become an international first-year student at ASU.

Applying to ASU as an international student

Academic requirements

First-year students must have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school.

Some ASU programs may have higher admission or English proficiency requirements and may consider a minimum ACT or SAT score.

Must have three years of high school work (If you are currently in high school, ASU needs to see 9–11 grade work. If you have completed high school then ASU needs to see 10–12 grade work).

Must have and present a completed high school diploma or certificate.

Conditional admission

ASU may offer conditional undergraduate admission to international applicants to an on-campus program who meet the academic (aptitude) requirements but who are not proficient in English. This offer of conditional admission will give you time to improve your English proficiency before you start classes at ASU. Your conditional admission offer is good for up to three semesters, during which time you must meet one of these requirements [1] to begin your ASU experience.

Competency requirements

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

International students who attended four years of high school in the U.S. are required to meet the competency requirements.

Comparable degree requirements in different countries and territories

Arizona State University recognizes that educational systems are different across the world. To help you determine if your academic credentials are comparable to a U.S. high school degree and to understand the documents that need to be submitted for admission, **please review the requirements for the country from which your credential was earned**.

[Archivist's Note: In-page by-country requirements tool unable to be captured.]

U.S citizen?

If you are a U.S. citizen and completed all of your coursework in the U.S., visit our domestic first-year admission web page [2].

Find an international first-year ASU representative

Find my rep [3]

Find your degree program

Degree search [4]

How to apply to ASU

Step 01: Complete the undergraduate application for admission.

Apply online with ASU's Application for Admission [5] or the Common Application [6]. ASU accepts only one application. We have no preference between the ASU application or the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

ASU's Application for Admission [5]   Common Application [6]

Step 02: Submit the nonrefundable application fee.

International nonresidents: $85 ($70 for ASU online programs)

You can pay using a credit card (Visa or Mastercard) at the time you submit your application or when you log in to My ASU [7]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

If you applied for admission through the Common Application [8], pay the application fee through that application.

My ASU [7]

Step 03: Have official transcript(s) and examination results sent directly from your school(s) or exam board to Admission Services. Provide English translations of all documents not issued in English.

Official transcripts are certified copies of official documents from each secondary school, college, university or technical school attended. Records must include courses completed, grades or marks earned, and certificates or degrees awarded. Include a certified English translation of all documents not issued in English.

Visit the transcripts page for detailed information on submitting international transcripts and English translations

Transcripts Information [8]

Step 04: Provide evidence of English language proficiency.

Have your TOEFL, IELTS, PTE, or DuoLingo English test score, sent directly to ASU, or provide proof of completion from Global Launch.

TOEFL
The official TOEFL score report can be sent directly to ASU from the Educational Testing Service. ASU's TOEFL institutional code is 4007. For information about this test and registration procedures, contact ETS at PO Box 6151, Princeton, NJ 08541-6151, USA or visit www.toefl.org [9].

Duolingo English test

Learn more about the Duolingo test [10]

Global Launch
ASU accepts completion of the Global Launch **English Language program** or **English for Undergraduate Admission and Achievement** online self-paced course.

Learn more about Global Launch [11].

IELTS

For information about this test and registration procedures, contact the IELTS Office, University of Cambridge Local Examination Syndicate, 1 Hills Road, Cambridge/CB1 2EU, UK or visit www.ielts.org [12].

PTE

For information about the Pearson Test of English, visit www.pearsonpte.com [13].

Undergraduate English proficiency [14]

Step 05: American university admission reminders

Documentation

All documents must be an original or an attested copy with an original institutional seal and/or signature. Photocopies, notarized copies, faxes or scans are not considered original documents. All documents must be translated into English if the original is not issued in English.

Note: Before mailing or sending any documentation, you must fill out an ASU application. Sending documents before doing so will delay the processing of your application. It is also recommended that you include your ASU EMPLID on the envelope of any documents being mailed to ASU.

Do you have any college credits?

- All college work must be reported at the time of filling out your application.
- We must see all transcripts/academic records from all institutions that you have ever attended (regardless if you have finished the program at that institution or not).
- All documents not issued in English must be accompanied by an English translation.
- Access the transfer credit guide [14] to check your college credits.

Professional third-party evaluations

ASU provides in-house credential evaluations of your secondary and postsecondary academic records at no extra cost. However, if you have already had your academic credentials evaluated, ASU will consider course-by-course evaluations from the three agencies below:

- Educational Credential Evaluators [15]
- Foreign Credentials Service of America [16]
- Academic Credentials Evaluation Institute [17]

Note: Official evaluations do not take the place of official academic records. The evaluation is in addition to the official academic record. If the evaluation agency includes academic records they used to complete their evaluation and indicates that the evaluation was based on official or authenticated records, we may accept those documents as official.

Transfer guide [18]

Step 06: Submit your ACT or SAT scores (optional).

ACT or SAT scores are not required for admission, but may be submitted for ASU course placement or as supplemental information. Have your scores sent to ASU from ACT or [19] College Board [20] when you register for the test.

FAQs [21]

Step 07: Check application status.

Once you've completed all these steps, ASU will review your application. To see if you have any missing items, and to review your admission status and I-20 status, sign in at My ASU using your ASURITE UserID, which is sent to you after you apply for admission.

Activate My ASU and your ASURITE UserID

You will receive your ASURITE UserID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE UserID will remain the same. You'll use your ASURITE UserID to login to My ASU. If you have previously applied to ASU, your ASURITE UserID will remain the same. If you have not previously activated My ASU, have your activation code sent to you [23] by submitting your ASU ID number and last name. If you have trouble logging in with your ASURITE UserID, contact the ASU Help Desk at 855-278-5080 or contact.asu.edu [24].

Check application status [7]

Step 08: Submit your student visa application.

All international students planning to attend Arizona State University will need to first apply for an I-20 in order to apply for an F-1 or J-1 student visa.

Student visa info [25]

Application deadlines

You must submit your application for admission to ASU, along with the application fee, by the deadline specified for each semester. To expedite the evaluation of your application, please remember to submit official transcripts, test scores and supporting credentials along with your application.

Spring 2022

Nov. 1, 2021
Application priority deadline

Dec. 1, 2021
Enrollment deposit date
(first-year students only)

Jan. 10, 2022
First day of classes

Fall 2022

May 1, 2022
Application priority deadline

May 1, 2022
Enrollment deposit date
(first-year students only)

Aug. 18, 2022
First day of classes

Note: Applications for summer that are not completed in time for the start of the summer sessions will be reviewed for admission for the fall semester.

Note: International students who have been admitted for the fall semester who would like to begin attending classes during the summer must contact Admission Services [26] by May 1. Otherwise, I-20s will be created for the fall semester.

Make sure to apply as early as possible to allow time for all documentation and processes to be completed.

Additional resources

Virtual campus tours
Take a virtual tour [27]

What kind of student are you?
Take the quiz [28]

ASU Rankings
View rankings [29]

Campus fit quiz
Take the quiz [30]

Phoenix life
Find out more [31]

Degree search
Search degrees [32]

Tuition estimator
Calculate costs [33]

Contact your rep
Contact [3]

Frequently-asked questions about International first-year admissions

How do I apply to an American university as an international student?

To apply to ASU as an international student, you must meet certain academic requirements, as well as demonstrate proof of English proficiency. Review this page for admission and English proficiency requirements, application procedures and deadlines for undergraduate students.

Do I have to know English to study at ASU?

Yes. ASU requires proof of English proficiency from all international student applicants, or applicants whose native language is not English. ASU accepts TOEFL, PTE, IELTS, or DuoLingo English test scores or completion of ASU's Global Launch English and academic preparation courses as proof of English proficiency.

What is Global Launch?

Global Launch is Arizona State University's English language and academic preparation unit, providing face-to-face and online English and Pathways programs for international students seeking admission to the university.

View more FAQs [34]

Source URL: https://admission.asu.edu/international/first-year-apply

Links:
[1] https://admission.asu.edu/international/undergrad/english-proficiency
[2] https://admission.asu.edu/first-year/apply
[3] https://admission.asu.edu/findmyrep
[4] https://degrees.asu.edu/
[5] https://webapp4.asu.edu/uga_admissionsapp/
[6] https://apply.commonapp.org/Login?ma=901
[7] https://my.asu.edu/
[8] https://admission.asu.edu/transcripts
[9] http://www.ets.org/toefl
[10] https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test
[11] https://globallaunch.asu.edu/learn-english/asu-admission

[12] https://www.ielts.org/en-us/
[13] https://www.pearsonpte.com/
[14] https://webapp4.asu.edu/transfercreditguide/app/home?init=false&nopassive=true
[15] https://www.ece.org/ECE
[16] https://foreigncredentials.org/
[17] https://www.acei-global.org/
[18] https://www.google.com/url?q=https://webapp4.asu.edu/transfercreditguide/app/home?init%3Dfalse%26nopassive%3Dtrue%26_ga%3D2.163341308.1784076978.1602520829-268554747.1597098393&sa=D&source=docs&ust=1642196605847542&usg=AOvVaw28pPLfu1RggW5VL-lpW7a2
[19] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html
[20] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send
[21] https://admission.asu.edu/contact/faqs#general
[22] https://weblogin.asu.edu/password/activation?step=resendCode
[23] https://weblogin.asu.edu/password/activation?step=resendCode
[24] https://contact.asu.edu/
[25] https://admission.asu.edu/international/student-visa
[26] https://admission.asu.edu/contact/international
[27] https://visit.asu.edu/
[28] https://admission.asu.edu/quiz/experience
[29] https://www.asu.edu/rankings
[30] https://yourfuture.asu.edu/content/find-asu-fits-you
[31] https://admission.asu.edu/campus-life/phoenix
[32] https://degrees.asu.edu/
[33] https://students.asu.edu/tuition
[34] https://admission.asu.edu/contact/faqs#international

International transfer student admission

How to transfer colleges as an international student

Comparable requirements to a high school diploma

Arizona State University recognizes that educational systems are different across the world. To help you determine if your academic credentials are comparable to a U.S. high school degree and to understand the documents that need to be submitted for admission, please review the requirements for the country from which your credential was earned.

[Archivist's Note: In-page by-country requirements tool unable to be captured.]

U.S. citizen?

If you are a U.S. citizen and completed all of your coursework in the U.S., visit our domestic transfer admission web page [1].

International Transfer Guide

Download brochure [2]

International transfer student admission requirements

Academic requirements

Transfer students with 12 or more transferable credits must have a minimum 2.50 cumulative GPA (a "C+" or better where "A"=4.00). Some majors have higher admission requirements. To find the requirements for your specific program, please visit ASU's Degree Search [3].

Some ASU programs may have higher admission and English proficiency requirements and may consider a minimum ACT or SAT score.

Must have and present a completed high school diploma or certificate.

You must submit an official transcript from every high school, college and university you attended, regardless if a degree was earned.

For more information on the process, additional requirements for students with additional credits and other information, visit transfer apply [1].

Competency requirements

International students who attended four years of high school in the U.S. are required to meet the competency requirements.

- **English:** four years (composition/literature based).
- **Math:** four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- **Laboratory science:** three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences, and physics).
- **Social science:** two years (including one year American history).
- **Foreign language:** two years (same language).
- **Fine arts:** one year.

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- **Math**: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- **Laboratory science:** three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

Application deadlines

You must submit your application for admission to ASU, along with the application fee, by the deadline specified for each semester. To expedite the evaluation of your application, please remember to submit official transcripts, test scores and supporting credentials along with your application.

Spring 2022

Nov. 1, 2021
Application priority deadline

Jan. 10, 2022
First day of classes

Fall 2022

May 1, 2022
Application priority deadline

Aug. 18, 2022
First day of classes

Note: Applications for summer that are not completed in time for the start of the summer sessions will be reviewed for admission for the fall semester.

Note: International students who have been admitted for the fall semester who would like to begin attending classes during the summer must contact Admission Services [4] by May 1. Otherwise, I-20s will be created for the fall semester.

Make sure to apply as early as possible to allow time for all documentation and processes to be completed.

How to apply to ASU

Step 01: Complete the undergraduate application for admission.

Apply online with ASU's Application for Admission [5] or the Common Application [6]. ASU accepts only one application. We have no preference between the ASU application and the Common application. If two applications are submitter, one will be cancelled in our system. The application fee is $85 (U.S. Dollars) and is nonrefundable.

ASU's Application for Admission [7]   Common Application [6]

Step 02: Check application status.

Once you've completed all these steps, ASU will review your application. To see if you have any missing items, and to review your admission status and I-20 status, sign in at My ASU [8] using your ASURITE User ID, which is sent to you after you apply for admission.

Activate My ASU and your ASURITE User ID

You will receive your ASURITE User ID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE User ID will remain the same. You'll use your ASURITE User ID to login to My ASU. If you have previously applied to ASU, your ASURITE User ID will remain the same. If you have not previously activated My ASU, have your activation code sent to you [9] by submitting your ASU ID number and last name. If you have trouble logging in with your ASURITE User ID, contact the ASU Help Desk at 855-278-5080 or contact.asu.edu [10].

Check application status [8]

Step 03: Have official transcript(s) and examination results sent directly from your school(s) or exam board to Admission Services. Provide English translations of all documents not issued in English.

Official transcripts are certified copies of official documents from each secondary school, college, university or technical school attended. Records must include courses completed, grades or marks earned, and certificates or degrees awarded. Include a certified English translation of all documents not issued in English.

For more detailed information on submission of international transcripts and English translations, please visit our transcripts page [11].

Step 04: Provide evidence of English language proficiency.

Have your TOEFL, IELTS, PTE, or DuoLingo English test score, sent directly to ASU, or provide proof of completion from Global Launch.

TOEFL

The official TOEFL score report can be sent directly to ASU from the Educational Testing Service. ASU's TOEFL institutional code is 4007. For information about this test and registration procedures, contact ETS at PO Box 6151, Princeton, NJ 08541-6151, USA or visit www.toefl.org Font Awesome fontawesome.com --> [12].

IELTS

For information about this test and registration procedures, contact the IELTS Office, University of Cambridge Local Examination Syndicate, 1 Hills Road, Cambridge/CB1 2EU, UK or visit www.ielts.org > [13].

PTE

For information about the Pearson Test of English, visit www.pearsonpte.com [14].

Global Launch

ASU accepts completion of the Global Launch **English Language program** or **English for Undergraduate Admission and Achievement** online self-paced course. Learn more about Global Launch [15].

Duolingo English test

Learn more about the Duolingo test [16]

Undergraduate English proficiency [17]

Step 05: American university admission reminders

Documentation

All documents must be an original or an attested copy with an original institutional seal and/or signature. Photocopies, notarized copies, faxes or scans are not considered original documents. All documents must be translated into English if the original is not issued in English.

Note: Before mailing or sending any documentation, you must fill out an ASU application. Sending documents before doing so will delay the processing of your application. It is also recommended that you include your ASU EMPLID on the envelope of any documents being mailed to ASU.

Do you have any college credits?

- All college work must be reported at the time of filling out your application.
- We must see all transcripts/academic records from all institutions that you have ever attended (regardless if you have finished the program at that institution or not).
- All documents not issued in English must be accompanied by an English translation.
- Access the transfer credit guide [18] to check your college credits.

Professional third-party evaluations

ASU provides in-house credential evaluations of your secondary and postsecondary academic records at no extra cost. However, if you have already had your academic credentials evaluated, ASU will consider course-by-course evaluations from the three agencies below:

- Educational Credential Evaluators [19]
- Foreign Credentials Service of America [20]
- Academic Credentials Evaluation Institute [21]

Note: Official evaluations do not take the place of official academic records. The evaluation is in addition to the official academic record. If the evaluation agency includes academic records they used to complete their evaluation and indicates that the evaluation was based on official or authenticated records, we may accept those documents as official.

Step 06: Submit your ACT or SAT scores (optional)

ACT or SAT scores are not required for admission, but may be submitted for ASU course placement or as supplemental information. Have your scores sent to ASU from ACT or [22] College Board [23] when you register for the test. Learn more about sending your test scores to ASU in our FAQ section [24].

Step 07: Submit your student visa application.

All international students planning to attend Arizona State University will need to first apply for an I-20 in order to apply for an F-1 or J-1 student visa.

Student visa info [25]

Schedule a transfer appointment

Contact our international transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact us [4]

Additional resources

Attend a virtual event [26]
Virtual campus tours [27]
What kind of student are you? [28]
Campus fit quiz [29]
Phoenix life [30]
Degree search [31]
Tuition estimator [32]
Contact your rep [33]

Frequently-asked questions about International transfer admissions

How do I apply to ASU as a transfer student?

To apply to ASU as an international student, you must meet certain academic requirements, as well as demonstrate proof of English proficiency. Review this page [34] for admission and English proficiency requirements, application procedures and deadlines for undergraduate students.

Requirements [34]

How do I transfer credits to an American university?

When you transfer to ASU from another college or university, the following general standards for transfer credits apply. You can use ASU transfer tools [35] to learn how credits will transfer and begin creating your roadmap to graduation.

Transfer tools [35]

How many credits can be transferred to ASU?

You can transfer a maximum of 64 credits from a regionally accredited community, junior or two-year college for courses in which you have earned a "C" (4.00 = "A") or better.

View more FAQs [36]

Source URL: https://admission.asu.edu/international/transfer-apply

Links:
[1] https://admission.asu.edu/transfer/apply
[2] https://admission.asu.edu/sites/default/files/2021-09/internationaltransferbrochure_v5.pdf
[3] https://asu.edu/degrees
[4] https://admission.asu.edu/contact/international
[5] https://www.asu.edu/ugapp
[6] https://apply.commonapp.org/Login?ma=901
[7] https://webapp4.asu.edu/uga_admissionsapp/
[8] https://my.asu.edu/
[9] https://weblogin.asu.edu/password/activation?step=resendCode
[10] https://contact.asu.edu/
[11] https://admission.asu.edu/transcripts
[12] http://www.ets.org/toefl
[13] https://www.ielts.org/en-us/
[14] https://www.pearsonpte.com/
[15] https://globallaunch.asu.edu/learn-english/asu-admission
[16] https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test

[17] https://admission.asu.edu/international/undergrad/english-proficiency

[18] https://webapp4.asu.edu/transfercreditguide/app/home?init=false&nopassive=true

[19] https://www.ece.org/ECE

[20] https://foreigncredentials.org/

[21] https://www.acei-global.org/

[22] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html

[23] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send

[24] https://admission.asu.edu/contact/faqs#general

[25] https://admission.asu.edu/international/student-visa

[26] https://visit.asu.edu/live-hosted-visit

[27] https://tours.asu.edu/

[28] https://admission.asu.edu/quiz/experience?fname=&lname=&email=&stype=&zipcode=&country=&sterm=&rfi_sid=&rfi_nid=&r=1

[29] https://yourfuture.asu.edu/content/find-asu-fits-you

[30] https://admission.asu.edu/campus-life/phoenix

[31] https://degrees.asu.edu/

[32] https://students.asu.edu/tuition

[33] https://admission.asu.edu/findmyrep

[34] https://admission.asu.edu/transfer/transferring-credits

[35] https://webapp4.asu.edu/transfercreditguide/app/home?init=false&nopassive=true

[36] https://admission.asu.edu/contact/faqs#international

English proficiency for international undergraduate applicants

Pass the TOEFL, IELTS or PTE or Duolingo English test

Test of English as a Foreign Language (TOEFL)

ASU accepts the TOEFL iBT® taken in a testing center. ASU does not accept TOEFL iBT® Home Edition, TOEFL iBT® Paper Edition, or TOEFL Essentials Exams.

TOEFL iBT (internet-based test)

For the general requirement programs, the minimum score is 61 (iBT). ASU's institutional code is 4007. ASU accepts only electronic copies of the TOEFL score report.

Bachelor of Science in Nursing: minimum score of 76.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 79.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 100.

Learn more about the TOEFL. [1]

International English Language Testing System (IELTS)

ASU accepts IELTS Academic, IELTS Online, IELTS UKVI, and IELTS Indicator exams

The overall band score requirement for the academic test is at least 6.0. The general training exam is not accepted. No institutional code is needed.

Bachelor of Science in Nursing: minimum score of 6.5.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 6.5.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 7.0.

Learn more about IELTS. [2]

Pearson Test of English (PTE)

ASU requires a score of at least 53.

This test is not accepted for admission to the Bachelor of Science in Nursing program.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 58.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 73.

ASU does not accept the PTE Academic Online exam.

Learn more about PTE. [3]

Duolingo English test

General requirement programs: minimum score of 95.

Bachelor of Science in Nursing: minimum score of 100.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 105.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 120.

Learn more about the Duolingo English test. [4]

The exam cost $49 (USD) and may be taken from any computer that has a camera, audio and reliable internet. The exam portion of the Duolingo English test contains a series of speaking, reading, writing and listening exercises. Following the exam, there will be an interview portion that will ask you to respond to various prompts in 30 to 90 seconds. The exam will take about 45 minutes to complete and you will need either a passport, driver license, or national or state ID to show the camera. The score results are generally received within a few days of exam completion.

Should you choose to take the Duolingo English test, the access information is below.

Information on preparing for the exam [4] **|** Take the exam or practice exam [5]

A verification email will be sent to you a few days after completing the exam containing a link to send your score to ASU.

For additional information, please review the frequently asked questions [6].

An IELTS, PTE or TOEFL must have been taken no longer than two years prior to the student's start date at ASU. Applicants who have scores that are more than two years old (or will be more than two years old by the time of ASU's start date) may be requested to submit updated test scores or demonstrate English proficiency through one of the other listed options.

Complete Global Launch courses at ASU*

English language program

Complete the highest level of the Campus or Online Immersion English language program with a passing grade of B- (80%) or better.

Online self-paced English course

Complete the English for Undergraduate Admission and Achievement online course with a passing score.

Learn more about Global Launch [7]

*Individual academic units may have higher requirements for English proficiency. Review your degree program of interest for details. Visit ASU's degree search to find your program.

Other ways to demonstrate English proficiency

1. U.S. citizens or U.S. permanent residents.
2. Citizen of a country/territory on the ASU English speaking country and territory list
3. Junior and senior year of high school completed in the U.S. AND ACT English score of 23 or higher or SAT EBRW score of 580 or higher, AND two years English.
4. Four years of high school in the U.S. with four years of English.
5. 48 transferable credits from a regionally accredited U.S. college or university with a GPA of 2.50 or higher, of which six credits are in first-year English (comparable to ASU ENG 107 and 108).
6. Undergraduate applicants who have earned a secondary or high school degree or higher from an international institution that is officially recognized by that country, and whose sole medium of instruction for the degree program was in English. If the transcript does not indicate language of instruction, the applicant should email asuinternational@asu.edu [8] to request exemption and include a letter from the institution on letterhead indicating language of instruction or provide information on the institution website to verify language of instruction.

Note: English as a Second Language (ESL) courses are not accepted as proof of English proficiency

Source URL: https://admission.asu.edu/international/undergrad/english-proficiency

Links:
[1] https://www.ets.org/toefl
[2] https://www.ielts.org/
[3] https://www.pearsonpte.com/
[4] https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test
[5] https://englishtest.duolingo.com/applicants
[6] https://testcenter.zendesk.com/hc/en-us
[7] https://globallaunch.asu.edu/learn-english/asu-admission
[8] mailto:asuinternational@asu.edu

Student visas

I-20 updates for summer and fall 2022 semesters

We look forward to your summer or fall arrival and have been hard at work making plans to welcome our new international students to campus.

We know there may still be some disruptions to the I-20 and visa process, including consulate and bank closures, visa interview delays and flight interruptions due to Covid-19. ASU is here to help you through, and will be flexible with your arrival to campus.

What we want you to know

1. **Do not delay in submitting your documents required for issuance of your I-20 to us.**
   Upload what you have to My ASU [1] as soon as you have them. If you are waiting for other documents, submit what you have so far, then upload your final documents once you have them.

2. **As soon as you receive your visa and are ready to travel, contact ASUinternational@asu.edu [2] or +1 480-965-2437.**
   We will work with you to schedule your arrival date to ASU.
3. **If you are unable to submit your documentation needed to receive an I-20 from ASU or are unable to obtain your F1 visa in time to arrive by the start of the semester of your admission**, contact ASUinternational@asu.edu [2] and we can advise you on your options.
4. **If you have any questions, please contact our International Admission Services team at ASUinternational@asu.edu [2] or +1 480-965-2437**.
   We will work with you to keep you on track.

Helpful reminder

Be sure to **check wait times for your local embassy** [3], as some areas may be experiencing wait times longer than 30 days. Complete these steps as soon as possible so that when your local embassy can take your appointment, you will be ready to proceed with your next steps.

Types of international student visas

As an international student at Arizona State University, you will need to obtain an F-1 or J-1 student visa.

F-1 student visa

The F-1 visa is the most common student visa and is issued to full-time students enrolled in an academic or language program at a U.S. institution. Any student who is funded either by personal or outside funds, or a combination of the two, is eligible for F-1 status. If you are a student applying for an F-1 visa, you must request the SEVIS Form I-20 from the appropriate ASU admission office once admitted to ASU.

J-1 student visa

The J-1 visa is an exchange visitor visa issued to students at all academic levels. Students must have a substantial portion of their funding coming from a source other than their personal finances (e.g., their home institution or government). If you are a student applying for a J-1 visa, you must request Form DS-2019 from the appropriate ASU admission office once admitted to ASU.

F-2 dependent visa (undergraduate)

The F-2 visa is a nonimmigrant visa that allows dependent spouses and children of F-1 student visa holders to enter the U.S. and enroll in an educational institution. As a student with F-2 visa status, you can attend ASU only as a part-time student. For the undergraduate level, this means you may register for up to 11 credit hours for the spring and fall terms.

More F-2 information [4]

F-2 dependent visa (graduate)

The F-2 visa is a nonimmigrant visa that allows dependent spouses and children of F-1 student visa holders to enter the U.S. and enroll in an educational institution. As a student with F-2 visa status, you can attend ASU only as a part-time student. For the graduate level, this means you may register for up to eight credit hours for the spring and fall terms. Some graduate programs do not allow students to attend part time. For additional information, please contact your program of interest.

More F-2 information [4]

SEVIS form I-20

An initial I-20 is issued for students with a new SEVIS record. A transfer I-20 is issued for students who have an active SEVIS record at a U.S. high school or higher education institution, and are transferring their records to ASU.

Initial I-20

If you have not been issued an I-20 in the past, or if you have but the SEVIS record affiliated with that I-20 was terminated or completed, you should request an initial I-20.

Once you have uploaded all required documents in My ASU [1] for the I-20, ASU Admission Services will begin the process of creating your initial I-20.

Transfer I-20

If you have an active SEVIS record at another U.S. school (high school or higher education institution) and are requesting an I-20 through ASU, you should follow the Request Transfer SEVIS Form I-20 [5] section below. Once you have uploaded all required documents in My ASU [1] for the I-20, ASU Admission Services will begin the process of creating your transfer I-20.

Transfer Sevis section [6]

Getting an I-20

An I-20 is an important immigration document that F-1 students need in order to obtain their student visa and enter the U.S. ASU guides each student through the process of obtaining their I-20. **Priority Tasks** on My ASU [1] alerts students to the steps they need to take. The process of obtaining an I-20 can take some time, so it is important not to wait until the last minute to begin gathering the necessary documents and uploading them.

For sponsored students, the steps to obtaining an I-20 are slightly different than for nonsponsored students. Students should use the descriptions below to determine whether or not they are a sponsored student.

Sponsored student

A sponsored student's school and living expenses are paid by a sponsoring agency recognized by ASU.

Some examples of sponsoring agencies are ADNOC, ARAMCO, Dubai Electricity & Water Authority, Kuwait Cultural Office, Oman Cultural Division, Qatar Airways, Qatar Defense Attaché, Qatar Higher Education Institute, Qatar Petroleum, RasGas, Saudi Arabian Cultural Mission, Sidra, UAE Cultural Division and the UAE Scholarship Coordination Office.

Most of ASU's sponsored students come from Saudi Arabia, Kuwait, UAE, Qatar and Oman.

Note: Students receiving an ASU scholarship or TA/RA position are not considered sponsored students.

Once you have uploaded all required documents in My ASU [1] for the I-20, ASU Admission Services will begin the process of creating your initial I-20.

Nonsponsored student

A non-sponsored student's school and living expenses are paid for through personal or family funds, loans or through other means not associated with an ASU-recognized sponsoring agency.

Students who are unsure if they are a sponsored student should contact ASU Admission Services at ASUinternational@asu.edu [2] or +1 480-965-2437.

How to request an I-20

Step 01: Fill out the Financial Guarantee form

In compliance with the Department of Homeland Security and SEVIS regulations, all international applicants on the F-1 student visa must provide evidence of sufficient funds available for their studies in the U.S. For this purpose, a Financial Guarantee form [7] must be completed and submitted along with bank statements dated within the past 12 months and signed or wet stamped by an authorized bank or representative, or by a recognized sponsoring agency in the U.S. Please

submit your Financial Guarantee form along with your bank statements or sponsor letter from an authorized sponsoring agency. ASU will not be able to process your SEVIS Form I -20 without receipt of your Financial Guarantee.

Please refer to the Financial Guarantee form to determine the amount of funds required for your specific program and campus. You can access the form here [7].

Students with dependents (a spouse and/or child) who will be joining them in the U.S. during their time on an F-1 or J-1 visa will need to provide proof of the following additional funds:

Additional financial support needed for dependents
Spouse – $7,000
Each child – $5,000

Financial Guarantee form [7]

Step 02: Provide bank statements

The **Financial Guarantee form is separate** from the financial documentation that you will need to provide. Examples of **financial documents** valid for I-20 processing are listed below.

Bank statements that show liquid funds (funds that can be immediately accessed and used). These can be one statement covering the entire amount displayed on the financial guarantee form for one year of attendance at the university, or a collection of bank statements from the people listed on the financial guarantee as sponsors. Note that the summary of available balances on these statements will still need to total the amount listed on the financial guarantee form for one year of attendance at the university. These statements need to be dated within the last 12 months. Please note that an Affidavit of Support cannot be used in lieu of a bank statement.

For sponsored students, a **sponsor letter** produced by a sponsoring agency recognized by ASU stating the applicant's full name, academic program in ASU, term of the sponsorship and amounts covered by it. Some of the agencies are: ADNOC, ARAMCO, Dubai Electricity & Water Authority, Kuwait Cultural Office, Oman Cultural Division, Qatar Airways, Qatar Defense Attaché, Qatar Higher Education Institute, Qatar Petroleum, RasGas, Saudi Arabian Cultural Mission, Sidra, UAE Cultural Division and the UAE Scholarship Coordination Office. You can read more about this in the sponsored student section.

Step 03: Upload a copy of your passport

You may take a clear photo or scan of the biographic page of your passport and upload it to the link on My ASU [1]. The bio page is the page that shows your picture and personal details. Your passport must be valid for at least six months after your proposed date of entry into the U.S. If it is not valid, the I-20 will not be processed.

Step 04:
Request initial SEVIS form I-20 or form DS-2019

Undergraduate students

Once you are admitted to ASU and submit your financial guarantee, you will need to complete two steps for us to create and send your SEVIS Form I-20 or Form DS-2019. The tasks will appear in your Priority Tasks list on My ASU [1]. Upload the following items through My ASU, then request Form 1-20 or Form DS-2019:

- Financial Guarantee form [7]
- Proof of finances (bank statement)
- Passport

Click on Priority Tasks to notify us if you are in the U.S. and to request the delivery option for your SEVIS Form I-20.

If you are already studying in the U.S. on a SEVIS Form I-20, you will need to have your records transferred to ASU by following the Transfer SEVIS Form I-20 steps (see Step 03 below).

Graduate students

Once you are admitted to a graduate program at ASU, you will see new items on your My ASU [1] Priority Tasks list. The items include:

- Financial Guarantee form
- Proof of finances
- Passport
- "Request I-20" or "Request DS-2019"

When you click on the items in your Priority Tasks, a pop-up box will provide you with additional information and directions for what you need to do.

You will also see two Graduate Admission Services holds, which will be removed only when your SEVIS Form I-20 or Form DS-2019 is issued.

When you submit your Financial Guarantee form and proof of finances, allow three business days for the items to be processed and removed from your Priority Tasks list. When the documentation has been added to your electronic file, you will be assigned to a student services assistant who will process your SEVIS Form I-20 or DS-2019, and who will contact you if there is a problem. Processing a SEVIS Form I-20 or Form DS-2019 usually takes three to seven business days.

OR

Request transfer SEVIS form I-20 or form DS-2019

Undergraduate students

Print the ASU Undergraduate SEVIS Transfer Request form [8] and submit it to your current school informing your intent to enroll at ASU.

Pick up the new ASU SEVIS Form I-20 in ASU's Office of Undergraduate Admission Services when you arrive at ASU, then report to the International Students and Scholars Office.

If you are going to travel outside the U.S. before your studies at ASU, you will need to re-enter the U.S. with the ASU SEVIS Form I-20. Contact ASU International Admission Services [9] to make arrangements to receive the ASU SEVIS Form I-20 before leaving the U.S. ASU will not mail the SEVIS Form I-20 unless you request it. If you need your SEVIS Form I-20 sent to your home country, ASU can send it through FedEx if you provide a credit card number and expiration date to charge the FedEx fee. Present the ASU SEVIS Form I-20 at the U.S. Port of Entry.

If you have any questions, please contact the international student advisor at the school that you are now attending or contact:

Admission Services
1151 S Forest Avenue
Tempe, AZ 85287-0112
Phone: 480-965-2437
Email: asuinternational@asu.edu [2]

Graduate students

Print the ASU SEVIS Transfer Request form [10]. Fill out the top part of the form and submit it to your current school to inform them of your intent to transfer to ASU. They need to fill out the bottom portion indicating a specific transfer date.

Your SEVIS Form I-20 or Form DS-2019 will be mailed to you or will be available for pick up according to the information you provided when you submitted the "Request I-20" or "Request DS-2019."

If you will travel outside the U.S. before your studies at ASU, contact Admission Services at 480-965-6113 or gograd@asu.edu [11] to provide details about your travel plans.

Step 05: Review SEVIS form I-20 or form DS-2019

It is important to understand your SEVIS document; each page contains important information that you must read. You must ensure that all information is correct (spelling, dates, etc.). If there are any mistakes, please contact the admission office as soon as possible to have the information corrected. You will need the SEVIS Form I-20 or Form DS-2019, your ASU notification of admission, the Financial Guarantee form and your passport in order to obtain your student visa at the U.S. consulate nearest you [12].

Understanding the SEVIS form I-20

The SEVIS Form I-20 is a three-page government document used for students to obtain an F-1 visa.

- Page 1 contains program and biographical information.
  - o Your SEVIS Identification Number is on the top right side of the form. You will need this number for your visa application and to pay the SEVIS fee.
  - o F-1 students will be permitted to enter the U.S. 30 days prior to their report date, which is No. 5 on their SEVIS Form I-20. Please note that if you enter the U.S. after the report date, you may encounter difficulty with immigration officials at the Port of Entry. By signing the Student Certification No. 11 on the SEVIS Form I-20, you are acknowledging that you have read and understand the terms and conditions of F-1 status.
- Page 2 contains instructions for the school and student. It is important that you read Page 2 of your SEVIS Form I-20, which has important immigration information for maintaining your F-1 status while pursuing your studies as ASU.
- Page 3 contains spaces for future travel authorization. You will not need a signature on this page when you travel to the U.S. using your SEVIS Form I-20 for the first time.

Note: Dependents accompanying the F-1 student in F-2 status must have their own SEVIS Form I-20, issued in the name of the dependent.

Understanding the SEVIS form DS-2019

The SEVIS Form DS-2019 is a two-page government document used for students and scholars to obtain a J-1 visa.

- Page 1 contains program and biographical information.
  - o Your SEVIS Identification Number is on the top right side of the form. You will need this number for your visa application and to pay for the SEVIS fee.
  - o This page also contains spaces for future travel authorization. You will not need a signature on this page when you travel to the U.S. using your SEVIS Form DS-2019 for the first time.
- Page 2 contains instructions for the school and student. It is important that you read Page 2 of your SEVIS Form DS-2019, which has important immigration information for maintaining your J-1 status while pursuing your studies at ASU.

Note: Dependents accompanying the J-1 student in J-2 status must have their own SEVIS Form DS-2019, issued in the name of the dependent.

Step 06: Process SEVIS form I-901 and payment

Upon receipt of SEVIS Form I-20 or Form DS-2019, you will have the information needed to pay the SEVIS fee and the SEVIS Form I-901 [13] fee. You must pay the SEVIS fee and have a receipt prior to applying for a student visa.

The SEVIS Form I-901 [13] fee is mandated by the U.S. Congress to support the program office and the automated system that keeps track of students and exchange visitors, and ensures that they maintain their status while in the U.S.

I-20 and DS-2019 issuance timeline

The U.S. government has strict regulations on the issuance of I-20 and DS-2019 documents to international students who wish to attend an educational institution in the U.S. The dates below are for issuance of an I-20 or DS-2019, the latest date to report to the appropriate international student office, and the final day to be enrolled full time. Any noncompliance with these dates may preclude you from registering for classes. International students not enrolled full time will have their SEVIS record terminated and become subject to detainment and deportation

Fall 2022 semester

Feb 1, 2022
First day to issue I-20/DS-2019

July 18, 2022
Final day to issue I-20/DS-2019 outside the U.S.

Aug 18, 2022
Final day to issue I-20/DS-2019 for SEVIS transfer students within the U.S.

July 19, 2022 — Aug 18, 2022
MANDATORY SEVIS check-in with ISSC

Aug 18, 2022
First day of classes and deadline to check-in with ISSC

Spring 2023 semester

Sept 1, 2022
First day to issue I-20/DS-2019

Dec 9, 2022
Final day to issue I-20/DS-2019 outside the U.S.

Jan 9, 2023
Final day to issue I-20/DS-2019 for SEVIS transfer students within the U.S.

Dec 10, 2022 — Jan 9, 2023
MANDATORY SEVIS check-in with ISSC

Jan 9, 2023
First day of classes and deadline to check-in with ISSC

Summer 2023 semester

Feb 1, 2023
First day to issue I-20/DS-2019

Apr 17, 2023
Final day to issue I-20/DS-2019 outside the U.S.

May 16, 2023
Final day to issue I-20/DS-2019 for SEVIS transfer students within the U.S.

Apr 17, 2023 — May 16, 2023
MANDATORY SEVIS check-in with ISSC

May 16, 2023
First day of classes and deadline to check-in with ISSC

The student visa application process

Step 01: Apply for nonimmigrant visa, DS-160

As a visa applicant, you must submit a completed DS-160, Online Nonimmigrant Visa Application [14] for all nonimmigrant visa categories. Read complete details about student visas [15].

Note: After you have completed the DS-160, you will need to print and keep the DS-160 barcode page.

Step 02: Schedule visa interview

To schedule your interview, locate your local U.S. Embassy or Consulate [16]. Each consulate sets its own timeline for accepting and processing [3] student visa applications. If the consulate says apply "at least" 60 days before your program departure, this means no fewer than 60 days. To avoid problems, submit your visa application at the earliest date the consulate will accept it.

Step 03: Pay visa application fee

Please read information about nonimmigrant visa application fees [17]. Applicants must pay these fees as directed prior to their visa interview, and they must bring the receipt to their interview.

If the visa is issued, please note that a visa issuance reciprocity fee may be applicable based on your country of citizenship. Please refer to the Visa Reciprocity Table [18] to see if this fee applies to you.

Step 04: Prepare for visa interview

Start gathering the required documents for your student visa application the moment you apply to your program. Read through all information provided online by the U.S. Embassy or Consulate [16] that you will be visiting. At your interview, you will need to provide:

- SEVIS Form I-20 or Form DS-2019 with your SEVIS record number issued by ASU
- a receipt of your SEVIS Form I-901 fee
- confirmation page for application form DS-160
- passport valid for at least six months after your proposed date of entry into the U.S.
- one 2x2 inch photograph of yourself
- a receipt of your visa application fee(s) — pay before your appointment
- financial evidence showing you, your parents, or your sponsor have sufficient funds to cover your tuition and living expenses during your studies
- transcripts or diplomas from previous schools attended
- scores from standardized tests required by the college, such as the TOEFL

Tips on preparing for your interview [19]

Step 05: Prepare documents for travel

As you get ready to arrive in Arizona, be sure to prepare your documents for travel. Here are some items you should carry with you. It is advisable to keep a copy in your checked luggage and one with your family at home. Make sure you have these original documents available at all times while traveling to and within the U.S.:

- I-20 or DS-2019
- valid passport
- current visa
- copy of immunization records
- original supporting financial documents
- dependents' I-20 or DS-2019 and passports if your spouse and children will be traveling with you
- international travel coverage documents, if you purchased this coverage.

Frequently asked questions about student visa

How do I get a student visa?

To get a student visa, you must first apply and be admitted to ASU. Once admitted, you must apply for an I-20 through ASU by uploading the required documentation. Once you receive your SEVIS number from the I-20 created by ASU, you'll apply for your student visa through your country's embassy. The visa process includes some paperwork and an in-person interview with an immigration officer at your local embassy. The embassy then creates the student visa with your passport and will indicate the dates you can arrive in the U.S. for your studies.

What is SEVIS?

SEVIS stands for Student and Exchange Visitor Information System. You must complete a SEVIS form I-20 to get an F-1 student visa or a SEVIS form DS-2019 to get a J-1 student visa.

Can I get a job while in the U.S. as a student?

Yes, you may work as a student, though ASU recommends you work no more than 20 hours per week. Many international students work for ASU, as the university employs more than 10,000 students. You may also work off campus, but if you do, it's important that your employer understands that you are an ASU student and that your education is one of your top priorities.

View more FAQs [20]

Source URL: https://admission.asu.edu/international/student-visa

Links:
[1] https://my.asu.edu/
[2] mailto:ASUinternational@asu.edu
[3] https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/wait-times.html
[4] https://admission.asu.edu/sites/default/files/33056_f-2dependentsintous_handout_v8.pdf
[5] https://students.asu.edu/forms/admission
[6] https://admission.asu.edu/international/student-visa#transfer
[7] https://students.asu.edu/forms/FinancialGuarantee
[8] https://students.asu.edu/forms/undergraduate-sevis-transfer-form
[9] https://admission.asu.edu/contact/international
[10] https://students.asu.edu/graduate-sevis-transfer-request-form
[11] mailto:gograd@asu.edu
[12] http://www.usembassy.gov/
[13] https://www.fmjfee.com/
[14] https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/forms/ds-160-online-nonimmigrant-visa-application.html
[15] https://travel.state.gov/content/travel/en/us-visas/study/student-visa.html
[16] https://www.usembassy.gov/
[17] https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/fees/fees-visa-services.html
[18] http://travel.state.gov/content/visas/en/fees/reciprocity-by-country.html
[19] http://travel.state.gov/content/visas/en/immigrate/immigrant-process/interview/prepare.html
[20] https://admission.asu.edu/contact/faqs#international

Next steps for international students

Congratulations on your admission to ASU

It is our pleasure to welcome you.

We are excited that you have chosen to pursue your degree at Arizona State University.

This is your guide through the important steps you need to take to enroll in classes and prepare for the beginning of your academic year. Here you will find information about the visa application process, preparing for travel, arriving at ASU, registering for classes and much more.

Be sure to check My ASU [1] regularly and complete any pending items under your Priority Tasks. We look forward to seeing you in Arizona soon.

International student tips

Important deadlines

To help you stay on track with the fall 2022 admission and financial aid processes, check out our important deadlines page.

View dates [2]

Need help?

We're here for you.

ASU admission team members can answer your questions and guide you through each step of your enrollment process between now and the time you get started. Connect and get to know yours. We're here for you.

Schedule an appointment [3]

Travel and arrival

Arizona State University is committed to your safe and seamless transition from your home country to the U.S.

Travel info [4]

International first-year student next steps

Activate your ASU ID to check My ASU

After you applied to ASU, you were issued an ASURITE User ID in an email with the subject line "ASU Account Activation." **This ID gives you access to ASU's online student services in My ASU [1]**, where you'll see next steps and to-do items for enrollment. You must activate your ASURITE User ID online [5].

When you activate your ASURITE User ID, you will select to have your ASU email forwarded to a personal account. It's important to check your email often for time-sensitive notifications and next steps about enrollment. You'll have access to your official ASU email when classes begin. You can check which email your ASU email is forwarding to by looking in the profile tab in My ASU.

Don't forget to save your admit letter, which is posted to My ASU, so you have it for travel.

Visit My ASU [1]

Request your I-20 and apply for your visa

International students who wish to pursue their studies at ASU must obtain an F-1 or J-1 visa. To obtain a visa, students must first receive a SEVIS number and I-20 document from ASU.

ASU guides each student through the process of obtaining their I-20 using the I-20 Tracker in My ASU.

More about I-20 [6]

Give your parents or family access to your records and account

Through My ASU Parent Guest Access, you can share your academic records with your parent or guardian, and give them access to pay your tuition and bills. Go to My ASU, select the Profile tab at the top and find "Add a Guest" under My ASU Guest Access Permissions.

Go to My ASU [1]

Pay your enrollment deposit

Pay your enrollment deposit [7] through My ASU [1] to confirm you will attend.

Pay deposit [8]

Complete the math placement test

All first-year students are required to take the math placement test at least seven calendar days before their Academic Orientation Session. You will see the item "Take Math Placement Test" under **Priority Tasks** in My ASU [1], and you will also see this task in ASU's New Student Orientation Experience step 2, Academic Orientation.

Submit your measles, mumps and rubella immunization record

All students born after Jan. 1, 1957, are required to meet the following MMR immunization requirement [8] before classes begin. You can upload required documentation in your ASU My Health Portal [9].

The MMR vaccine is available for a fee at any of ASU's Health Services [10] locations.

My Health Portal [9]

ASU's New Student Orientation experience

Through ASU's New Student Experience, accessed online in My ASU, you will prepare to take classes in the fall by completing essential next steps for enrollment. There are three steps — log in to My ASU [1] to view details. Step 2 is the Academic Orientation Session, where you'll meet with your academic college and finalize your class schedule. All students must complete the New Student Orientation Experience in order to enroll in classes.

New Student Experience [11]

Confirm housing and dining options

All ASU first-year students live in the residential college of their academic major. Barrett students live in the Barrett residential community for their first two years. Once you've paid your enrollment deposit, you can select your housing and dining preferences starting in early January in ASU's housing portal [12].

Select housing [13]

Learn about housing options [14]

Health insurance

Health insurance is mandatory for all registered international students and a condition of enrollment, and requires that international students have adequate medical and accident insurance coverage. Mandatory student health insurance is automatically charged for all international students.

Insurance info [15]

Learn about tuition and fees

Tuition charges will be billed to your student account and may be viewed online through My ASU. By registering for classes, you agree to pay all applicable tuition and registration fees. If you decide not to attend, you must completely withdraw from all classes before the semester begins.

If tuition is not paid by the applicable due date, you will automatically be enrolled in the tuition installment plan and charged a nonrefundable enrollment fee.

ASU has partnered with Flywire [16] to offer a streamlined and cost-effective payment method for you to send international payments. Flywire offers favorable exchange rates and a secure portal for processing your payment to ASU. Create a Flywire login to make payments and review your payment activity and history.

Visit the Tuition and Billing [17] website for more information.

Tuition and Billing [17]

Useful resources for international students

International Student and Scholar Center [18]
Find my admission team member [19]
ASU Prep Digital [20]
ASU Student Success Center [21]
Athletics [22]
Degrees [23]
Financial Aid and Scholarship Services [24]
Fraternity & Sorority Life [25]
Global Education Office [26]
Housing [13]
Pre-health [27]
Pre-law [28]
Scholarship estimator [29]
Student Accessibility and Inclusive Learning Services [30]
Student and Cultural Engagement [31]
Universal Learner Courses

Source URL: https://admission.asu.edu/international/admitted/first-year

Links:
[1] https://my.asu.edu/
[2] https://yourfuture.asu.edu/importantdeadlines
[3] https://admission.asu.edu/contact/international

[4] https://admission.asu.edu/international/travel

[5] https://weblogin.asu.edu/password/activation

[6] https://admission.asu.edu/international/student-visa

[7] https://admission.asu.edu/first-year/deposit

[8] https://eoss.asu.edu/health/parents/immunization

[9] https://asuportal.pointnclick.com/login_dualauthentication.aspx

[10] https://eoss.asu.edu/health/contact

[11] https://eoss.asu.edu/orientation/new-student

[12] https://asu.starrezhousing.com/StarRezPortalX/EF39AF6A/14/25/Home-Home?UrlToken=0888FD2E

[13] https://housing.asu.edu/

[14] https://admission.asu.edu/campus-life/housing-dining

[15] https://eoss.asu.edu/health/billing-insurance/international-students

[16] https://students.asu.edu/flywire

[17] https://students.asu.edu/tuitionandbilling

[18] https://issc.asu.edu/

[19] https://admission.asu.edu/findmyrep

[20] https://asuprep.asu.edu/

[21] https://success.asu.edu/

[22] https://www.asu.edu/athletics

[23] https://degrees.asu.edu/

[24] https://students.asu.edu/financial-aid

[25] https://eoss.asu.edu/fsl

[26] https://goglobal.asu.edu/

[27] https://prehealth.asu.edu/

[28] https://prelaw.asu.edu/

[29] https://scholarships.asu.edu/estimator

[30] https://eoss.asu.edu/accessibility

[31] https://eoss.asu.edu/student-and-cultural-engagement

[32] https://ea.asu.edu/

Military and veterans at ASU

Benefits

Are you ready to enroll for your education benefits? Are you looking for the right forms to fill out? Are you a dependent and not sure what to do next?

Check out these steps [1] for getting your benefits started.
For additional assistance, contact ASU's veteran and military admissions specialist.

Contact us [2]

Pat Tillman Veterans Center

ASU's Pat Tillman Veterans Center is one of the reasons ASU is a top university for veteran, military and dependent students. The center's mission is to empower and engage our ASU military and veteran community with their academic and personal success here at ASU and beyond.
Pat Tillman Veterans Center [3]

Campuses and ASU Online

ASU options let you choose the best learning environment for you, from a location known for outdoor adventures and one-on-one attention (ASU at Lake Havasu) to highly ranked ASU Online with the same degrees and professors as our on-campus programs to a large traditional campus (Tempe campus) — and everything in between (Downtown Phoenix, Polytechnic and West campuses).

Find your fit [4]

Are you looking for a veteran application to ASU?

We make it easy — there's no separate application for veteran and military applicants. Just submit the application for your student level.

First-year [5] Transfer [6] Graduate [7]

Connect with a veteran and military admissions specialist [8] in the Pat Tillman Veterans Center if you have any questions about applying to ASU.

Why so many veteran and military students choose ASU

ASU and the Pat Tillman Veterans Center [3] welcome you to your next adventure — accomplishing your education and career goals. Student veterans and active duty service members are a valuable part of the ASU community and our academic environment. Whether you're planning to earn your degree online or on campus, you can:

- continue serving as a leader by getting involved
- take advantage of job and career opportunities
- attend virtual or in-person career fairs
- earn your service honor stole to wear at graduation

You've already proven you can succeed in one world-class organization. We believe in you and know you can succeed here as well. ASU's Pat Tillman Veterans Center team is here to help you every step of the way. It's why ASU is consistently included among the best schools for veterans and military students.

LIA 294: Student Success for Veterans

Have you registered for ASU's veteran-specific introductory course? Designed for the student veteran, LIA 294: Student Success for Veterans provides you with support systems, academic resources and transitional aid. Meet other student

veterans and learn about how ASU, the state of Arizona, and the VA can assist you throughout your college experience. There are only 19 seats per class on each campus, so secure your spot today.

> "If you are a veteran in need of an orientation class, then you have no business taking the regular ASU orientation course. Do yourself a favor and take LIA 294; it will put you at a running start for successful and expedient graduation."
>
> - Kenny Chiaghana, Marine Corps, philosophy major

Transcripts

Undergraduate applicants:
Admission Services
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

Graduate applicants:
Graduate Admission Services
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

Military transcripts

ASU accepts the following military transcripts:

- CCAF Transcript [10] (Community College of the Air Force Transcript)
- JST [11] (Joint Services Transcript)

The CCAF is a regionally accredited community college. If you received credit for courses taken through the CCAF while serving in the Air Force, submit this transcript as part of your undergraduate application. The JST will be reviewed for possible transfer credit but is not evaluated for admission. Submit your JST as early as possible for timely evaluation, but it will not delay your admission decision.

More about transferring military credits [12]

Frequently asked questions about being a veteran at ASU

What's it like to be a veteran or military student at ASU?

There are more than 7,200 veterans and military students on campus and online. You'll receive support from the Pat Tillman Veterans Center, the VA VetSuccess on Campus counselor, and ASU's faculty and staff to succeed in your goals — from applying to ASU, getting your benefits set up, making sure you are using your benefits to your best advantage, and getting connected to events and opportunities for veterans and military students.

Is ASU a military friendly school?

ASU is consistently recognized as one of the best schools in the country, both on campus and online, for veterans and the military community. We want veteran and military students and their families to succeed, achieve their goals and move on to the next chapter in their lives, and we're here to help you get there. Learn more [14].

What are the steps to getting admitted as a student veteran?

We understand the admission process can be complicated, so we've created a checklist to help guide you through it. Start your application [5] and refer to this checklist [15] throughout the admission process for helpful tips about applying and succeeding as an active veteran or military student at ASU.

Are there any degree programs just for veterans or military students?

ASU does not yet offer exclusive degree programs for veteran or military students. However, we encourage you to take advantage of two courses specifically designed to connect you with other veteran and military students on campus and online, and introduce you to various resources available through the university, the state of Arizona and the Department of Veteran Affairs.

View more FAQs [16]

Source URL: https://admission.asu.edu/veterans

Links:
[1] https://veterans.asu.edu/benefits/start
[2] https://admission.asu.edu/contact/veterans
[3] https://veterans.asu.edu/
[4] https://yourfuture.asu.edu/content/find-asu-fits-you
[5] https://admission.asu.edu/apply
[6] https://admission.asu.edu/transfer
[7] https://webapp4.asu.edu/dgsadmissions
[8] https://veterans.asu.edu/about-staff
[9] https://www.youtube.com/watch?v=jWk5kVjYvNE
[10] http://www.airuniversity.af.mil/Barnes/CCAF/
[11] https://jst.doded.mil/smart/signIn.do
[12] https://admission.asu.edu/transfer/transferring-credits
[13] https://www.youtube.com/watch?v=dJ61pzXLQ0s
[14] https://asunow.asu.edu/20180411-asu-news-military-friendly-school-ranking-victory-media
[15] https://veterans.asu.edu/veteran-checklist
[16] https://admission.asu.edu/contact/faqs#veterans

Veteran benefits

Veteran and dependent checklist

The Pat Tillman Veterans Center is here to assist you in checking off your to-do list prior to attending Arizona State University. Your next steps are provided below to help you prepare for your enrollment, but we acknowledge that each students' experience and requirements differ. If you have any questions as you review these tasks, PTVC is here to help.

Steps to ASU enrollment

Prior to admission

Step 01: Apply or update my VA benefits

It takes approximately one to two months for benefits to be approved. Start the process early to ensure a smooth transition to the university.

Start VA benefit forms [1]

If you need to update the location of your VA benefits

Please complete the appropriate VA Request for Change of Program or Place of Training form. Submit this form to the VA as indicated in the form directions.

Submit to the Pat Tillman Veterans Center your VA Certificate of Eligibility or most recent letter from the VA that details your remaining benefits. You will receive your COE via mail from the VA or you can obtain a copy through VA/DoD eBenefits [19]. Once received, please submit to the Pat Tillman Veterans Center via the options below:

Scan and email the form to PTVCforms@asu.edu [7].
Fax the form to the Pat Tillman Veterans Center at 480-522-3058.
Take the form to any Pat Tillman Veterans Center location [20].

Step 02: Apply to ASU

Learn how and when to apply to ASU.

Apply to ASU [3]

After admission to ASU

Step 03: Receive academic advising and register for classes

Incoming students are required to meet with an academic advisor to enroll in classes [4].

Classes to consider

ASU offers a veteran-specific introductory course to support veterans' transition to academic life. Both first-year and transfer student veterans from any major are welcome to register.

Learn more [5]

Step 04: Complete ASU's documents for VA benefits processing

Processing times vary. See PTVC/VA Benefits Flowchart [6].

Please send a copy of your VA issued Certificate of Eligibility to ptvcforms@asu.edu [7] for processing.

How to obtain your COE [8].

PTVC documents

VA Benefits Responsibility form
You'll fill this form out only once while at ASU. It notifies the Pat Tillman Veterans Center of your intent to use VA education benefits, such as the GI-Bill®, while at ASU. Please note that it contains important information regarding the use of VA benefits throughout your school enrollment. Fill out the form online and submit it directly to the Pat Tillman Veterans Center. You will receive a confirmation email indicating you have completed the form.

VA Benefits Responsibility form [9]

Prior to your first semester at ASU, fill out this form if you intend to use VA education benefits. The form provides important information about your particular benefit program. Your completed form will submit directly to the Pat Tillman Veterans Center, and you'll receive an email confirmation.

VA Enrollment Activity form
This form notifies the Pat Tillman Veterans Center of your intent to use (or not use) your VA education benefits for the semester's enrollment. Submit this form each semester after finalizing your schedule. Additionally, you can revise your EAF to tell us about classes you or your college may have added since your original submission. Once completed, the form will submit directly to PTVC, and a confirmation will be sent to your ASU email address.

Enrollment activity form [10]

Prior Credit Evaluation form
Submit this form following your acceptance to ASU to ensure that all your prior course credit and/or previous experience is evaluated for potential transfer credit. Follow the directions on the form and work with your academic advisor to complete and submit it to the Pat Tillman Veterans Center.

Prior Credit Evaluation form [11]

Step 05: Register for LIA 294 or another first-year success course

LIA 294: Student Success for Veterans is designed for the student veteran, and provides you with support systems, academic resources and transitional aid. Meet other student veterans and learn about how ASU, the state of Arizona, and the VA can assist you throughout your college experience. Speak with your academic advisor to see if this class or another first-year success course would benefit you. Find their contact information in MyASU.

My ASU [12]

Step 06: Register for a Veterans and Dependents Welcome event

The Veterans and dependents Welcome event is a seminar-style orientation. It is expected that all incoming graduate and undergraduate student veterans and dependents attend the welcome event prior to their first semester at ASU. Hosted by ASU and the Pat Tillman Veterans Center, the Veterans and Dependents Welcome event introduces you to valuable benefits information and procedures that will apply each semester that you use your benefits. Spouses and dependent students do not need to attend this event.

If you are a new student, you will receive notifications by mail and email prior to the event so you can RSVP and plan to attend. Events are scheduled before both fall and spring semesters. Refreshments are provided and space is limited, so we request that you don't bring guests. We look forward to seeing you there.

Register for welcome event [13]

Step 07: Complete your next steps for enrollment to the university

Select your student status to review your enrollment steps.

First-year [14]   Transfer [15] Graduate [16] Online [17]

"GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill.

Source URL: https://veterans.asu.edu/veteran-checklist

Links:
[1] https://www.va.gov/education/how-to-apply/
[2] https://veterans.asu.edu/veteran-checklist#example-content-1
[3] https://admission.asu.edu/apply
[4] https://students.asu.edu/register-for-classes
[5] https://veterans.asu.edu/veteran-student-resources#successclasses
[6] https://veterans.asu.edu/sites/default/files/2022-02/38133_PTVCVABenefitsFlowChart_v3.pdf
[7] mailto:ptvcforms@asu.edu
[8] https://veterans.asu.edu/sites/default/files/2022-02/53331_COE_BenefitsUpdate .pdf
[9] https://go.oasis.asu.edu/ptvcbrf/
[10] https://go.oasis.asu.edu/ptvceaf
[11] https://students.asu.edu/files/PriorCreditEval12-03-12_0.pdf
[12] https://webapp4.asu.edu/myasu/
[13] https://veterans.asu.edu/welcome-event

[14] https://admission.asu.edu/first-year/admitted
[15] https://admission.asu.edu/transfer/admitted
[16] https://admission.asu.edu/graduate/admitted
[17] mailto:militaryonline@asu.edu
[18] http://www.benefits.va.gov/gibill
[19] https://www.ebenefits.va.gov/ebenefits/homepage
[20] https://veterans.asu.edu/about-staff#locations

Admitted veteran student next steps

Welcome to Arizona State University

You've already learned how to succeed in a world-class organization, and you're moving on to another one: ASU. We're glad you're joining us.

Student veterans and members of the military are a valuable part of the ASU community and our academic environment. We encourage you to continue serving as a leader and stay connected through student clubs and organizations, virtual career fairs, research positions, and other internship and career opportunities, whether you're an online or on-campus student.

First day of classes

Enrolling for spring 2022

Classes begin Jan. 10, 2022

Enrolling for fall 2022

Classes begin Aug. 18, 2022

View Academic Calendar [1]

A veteran admissions representative is here to help

Connect with a veteran admissions representative to receive additional assistance with veteran-specific items. asuveterans@asu.edu [2] | 480-965-5078

Schedule an appointment [3]

On-campus student next steps

Research and request your benefits

If you will be using VA benefits, such as the GI Bill®, this is the time to ensure that you have applied to use those benefits at ASU. If you will be using Tuition Assistance, make sure to reach out to your Education Service Officer to get the necessary paperwork completed.

Get started [4]

Connect with your academic advisor and register for classes

Schedule an appointment with your academic advisor before registering for your courses. They will help ensure you take courses that fit into your degree plan and keep you on track toward graduation.

Connect to My ASU [5]

If using VA benefits, complete ASU's documentation for processing.

Necessary forms will populate as tasks on My ASU. Be sure to first complete the VA Benefits Responsibility Form to start the initial benefits process. You can submit other necessary forms to ptvcforms@asu.edu [6].

Check your residency status

Most veterans and military members are eligible for in-state residency for tuition purposes. You can check our Residency Navigator [7] for more information.

Learn more [8]

Connect with the Pat Tillman Veterans Center

All ASU students can connect with the PTVC for advocacy support, to find student resources and for any questions you might have regarding your education.

Visit the PTVC site [9]

Online student next steps

Research and request your benefits

If you will be using VA benefits, such as the GI Bill®, this is the time to ensure that you have applied to use those benefits at ASU. If you will be using Tuition Assistance, make sure to reach out to your Education Service Officer to get the necessary paperwork completed.

Learn more [4]

Connect with our ASU Online enrollment team

Reach out to our enrollment team to ensure you take courses that fit into your degree plan and keep you on track toward graduation. If you need help reaching our enrollment team, email us at militaryonline@asu.edu [10].

If using VA benefits, complete ASU's documentation for processing

Necessary forms will populate as tasks on My ASU. Be sure to first complete the VA Benefits Responsibility Form to start the initial benefits process. View steps for submitting your VA Benefit forms at future.asuonline.asu.edu/military/va-benefits [11].

Check your residency status

Most veterans and military members are eligible for in-state residency for tuition purposes. You can check our Residency Navigator [7] for more information.

Learn more [8]

Connect with the Pat Tillman Veterans Center

All ASU students can connect with the PTVC for advocacy support, to find student resources and for any questions you might have regarding your education.

Visit the PTVC site [9]

Welcome packet

Military and veteran welcome

Download [12]

Veterans welcome event handout

Download [13]

Tillman 42 handout

Download [14]

Visit the following links for more information on the enrollment process

ASU admission specialists can answer your questions and guide you through each step of the enrollment process between now and the time you get here. Get to know yours. We're here for you.

First-year student 15   Transfer student [16]   ASU at Lake Havasu student [17]

Source URL: https://admission.asu.edu/veterans/admitted

Links:
[1] https://students.asu.edu/academic-calendar
[2] mailto:asuveterans@asu.edu
[3] http://calendly.com/transfer-and-graduate-recruitment-team
[4] https://veterans.asu.edu/prospective
[5] https://my.asu.edu/
[6] mailto:ptvcforms@asu.edu
[7] https://students.asu.edu/residency
[8] https://veterans.asu.edu/policies
[9] https://veterans.asu.edu/
[10] mailto:militaryonline@asu.edu
[11] https://future.asuonline.asu.edu/production/military/va-benefits/
[12] https://admission.asu.edu/sites/default/files/2021-11/50977_PTVC_WelcomePacket2022_WelcomeBrochure_DIGITAL.pdf
[13] https://admission.asu.edu/sites/default/files/2021-11/50977_PTVCAdmitWelcomePacket2021-2022Insert_DIGITAL.pdf
[14] https://admission.asu.edu/sites/default/files/2021-11/50977_PTVC_WelcomePacket2022_42Handout_DIGITAL.pdf
[15] https://admission.asu.edu/first-year
[16] https://admission.asu.edu/transfer
[17] https://havasu.asu.edu/

Apply to Barrett

ASU offers 400+ undergraduate degree programs on four campuses and through ASU Online. Enhance your degree with the top ranked honors college experience in the country.

Barrett admission

Barrett, The Honors College, is a community of students within Arizona State University who enjoy the considerable resources of a premier Research I university combined with the close, personal attention provided by the staff, faculty, and deans of the highest ranked honors college in the nation. Students interested in Barrett must first apply to Arizona State University and then may begin the separate and free Barrett application. Prospective students should apply to ASU at least 4 - 6 weeks before the Barrett deadline to which they are applying.

How and when to apply to Barrett

I am a:

First-year student [1]
Transfer student [2]
Current ASU student [3]
International student [4]
ASU Online student [5]

Apply to ASU

If you have not already applied to ASU, here are your university application options:

ASU application [6]
Common application [7]

Learn more about ASU

ASU offers a wide variety of learning opportunities, each with their own size and feel.

ASU Admission website [8]

Want more information?

Request info [9]

Source URL: https://barretthonors.asu.edu/admissions

Links:
[1] https://barretthonors.asu.edu/node/13
[2] https://barretthonors.asu.edu/node/14
[3] https://barretthonors.asu.edu/node/15
[4] https://barretthonors.asu.edu/node/16
[5] https://barretthonors.asu.edu/node/17
[6] https://webapp4.asu.edu/uga_admissionsapp
[7] https://apply.commonapp.org/login
[8] https://admission.asu.edu/
[9] https://barretthonors.asu.edu/request-info

Nondegree and visiting student admission

Nondegree student admission

Some individuals may be interested in studying in a nondegree status, either through pre-college summer programs or for their own personal learning experience. A nondegree student is one who has not attended ASU as a degree-seeking student, has not earned a bachelor's degree, is not attending full time, and is not, at this time, applying to a degree program.

If you are a **visiting university student** interested in taking classes in the 2020-2021 academic year, see this information on how to apply and enroll in classes [1].

- Once admitted to a degree program, a student is not permitted to register in a nondegree status.
- Nondegree students may enroll in eight credit hours each fall or spring semester, seven credit hours for each six-week summer session, and nine credit hours for the eight-week summer session.
- Nondegree students may apply up to 15 hours taken in nondegree status to a degree program if they choose to pursue an undergraduate degree in the future.
- Nondegree students are not eligible for financial aid.
- Nondegree students may not be eligible for academic advising.

Nondegree admission requirements

To be admitted to ASU as a nondegree student, you must either be a high school graduate or currently enrolled in high school.

If you're currently enrolled in high school or under the age of 18, you may be admitted as a nondegree student by submitting an official high school transcript and a letter of approval from a high school counselor or principal. You must have a 3.00 cumulative GPA in Arizona Board of Regents competency courses to be considered for admission.

Apply now [2]

Application procedures

1. **Complete an undergraduate admission application.**
2. **Submit the non-refundable application fee.**
   Arizona Residents - $50
   Non-Residents - $80
   ASU Online - $70
   International - $85
3. **If needed, have your transcripts sent directly to ASU.**

ASU will review your application for admission once all materials are on file. To see if your file is complete, sign in to My ASU using your ASURITE UserID provided to you after you submit your application.

Mailing address (all materials, all campuses)

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

Undergraduate admission contact information and office locations [3]

Frequently asked questions about nondegree admission

Can I apply to ASU as a nondegree-seeking student?

Yes, ASU accepts nondegree-seeking students. To be admitted as a nondegree-seeking student [4] you must meet certain requirements and follow certain guidelines. See if you qualify for nondegree admission.

Can I get financial aid as a nondegree-seeking student?

Nondegree-seeking students are not eligible for financial aid.

Will I need transcripts to apply as a nondegree-seeking student?

If you are currently enrolled in high school and under 18 years old, you are required to submit official high school transcripts and a letter of approval from a high school counselor or principal. If you are a high school graduate, you may be admitted as a nondegree-seeking student without submitting transcripts.

View more FAQs [5]

Source URL: https://admission.asu.edu/undergrad/nondegree

Links:
[1] https://admission.asu.edu/visiting
[2] https://webapp4.asu.edu/uga_admissionsapp/
[3] https://admission.asu.edu/contact
[4] https://students.asu.edu/admission/nondegree
[5] https://admission.asu.edu/contact/faqs

Undergraduate readmission

Quick re-entry

If you are an undergraduate degree-seeking student who previously attended ASU but who has not been enrolled at ASU for up to seven consecutive fall or spring semesters, you may be eligible to return through Quick Re-entry. You do not need to submit a new application or application fee. You may sign in to My ASU and register for classes. You may have a hold or Priority Tasks that you need to complete before you are able to register for classes. Your catalog year upon reentry will be determined via current policy.

International students are still responsible for all SEVIS requirements and should check with the International Students and Scholars Office at ASU.

If your absence is due to military deployment, service on an official church missions or with a foreign aid service of the Federal government, or a permanent disability, you should submit a Leave of Absence [1].

Note: You must submit official transcript(s) from all institutions you attended during your absence from ASU. Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institutions. Please check our contact page for the mailing address [2]. ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax.

International students (F1/J1 visa) eligible for quick re-entry, should contact ASU's International Students and Scholars Center (ISSC) ISSC@asu.edu [3] to submit documentation for issuance of an I-20 for visa purposes. Visit issc.asu.edu [4].

Readmission requirements

If you are not eligible for Quick Re-entry (because you have not been enrolled at ASU for eight or more semesters, have completed your academic program or were academically disqualified), you must apply for readmission and submit applicable fees. An applicant for readmission must have an ASU GPA of 2.00 or higher, depending on the ASU school or college AND must have left on Good Academic Standing. Students who do not meet this GPA and Academic Standing requirement may appeal. In these cases, the completed application for readmission may be subject to a due date that is earlier than the application deadline.

If a readmission appeal is required, please note that the decisions may take 4-6 weeks.

Note: You must submit official transcripts from all institutions you attended during your absence from ASU. Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institutions. ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax. Please go to our contact page for the mailing address [2].

Priority readmission application deadlines

Fall semester

The priority readmission application deadline for fall semester is June 1. Readmission applications received after June 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Spring semester

The priority readmission application deadline for spring semester is Dec. 1. Readmission applications received after Dec. 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Summer sessions

The priority readmission application deadline is May 1.

What needs to be submitted by the deadline?

You must submit the application for undergraduate admission, along with the application fee, by the deadline specified for each semester. In order to expedite the evaluation of your application, also submit official transcripts, test scores and supporting credentials immediately.

I was previously admitted to ASU but did not attend. Am I a readmission student?

If you have previously been admitted to ASU but did not attend, you will be considered a freshman student or a transfer student.

Steps to apply for readmission

Step 01: Complete the undergraduate admission application

ASU prefers that you apply online.

Apply now [5]

Step 02: Submit the nonrefundable application fee

Arizona residents: $50
Nonresidents: $70
International: $85

If you're applying to an ASU Online degree program, a nonrefundable application fee of $70 will be charged regardless of residency classification.

Step 03: Request that an official transcript be sent directly from your school(s) to Admission Services

Upon completion of the semester, request that a final transcript be sent directly to ASU to determine final admission status. If you do not meet readmission requirements for your selected major, you must submit complete transcripts before an admission decision is made. You need only submit transcripts from institutions other than ASU.

Note: Receipt of your final transcript impacts financial aid disbursement and eligibility to register for future classes.

Find out more about transferring credits to ASU [6].

Veterans exception

By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining admissibility. This exception applies only to veterans who fulfill these three criteria:

- are honorably discharged
- have served in the armed forces of the United States for a minimum of two years
- have previously enrolled at a university or community college in Arizona

Military service records must be submitted, including form DD 214.

Disqualification

If you have been disqualified, you will need to wait one Fall or Spring semester immediately preceding your disqualification before applying for readmission.

Academic renewal

Academic renewal is a university policy administered to recalculate the cumulative ASU GPA of an undergraduate student who fulfill these three criteria.

- is pursuing their first undergraduate degree and has not previously received an academic renewal
- has a cumulative ASU GPA below 2.00 (individual colleges may elect to consider applications for students whose GPA is a 2.00 or higher)
- is readmitted to a degree program after an absence of at least five continuous calendar years (including summer sessions)

Courses (including transfer credits) completed before the five-year absence with a grade of "C" (2.00) or higher are treated in the same manner as if all the credits were transfer credits, up to a maximum of 60 credit hours.

The cumulative GPA is based only on credits earned subsequent to the student's re-entry. Graduation requirements for resident credit hours and GPA must be fulfilled after the academic renewal. Graduation requirements for academic recognition (resident credit hours and GPA) must also be fulfilled after the academic renewal.

Courses completed before and after the academic renewal remain on the transcript and may be considered when students apply for undergraduate professional or graduate programs.

A request for academic renewal follows this procedure:

1. Students interested in academic renewal must fill out the Application for Academic Renewal and submit the form to the Dean's Office in the college of their major.
2. The Application for Academic Renewal may be submitted immediately upon readmission but must be submitted no later than the start of the third semester after readmission.
3. The Dean's Office specifies in advance a minimum of 12 semester hours required for completion.
4. When the approved credits are completed with a cumulative GPA of 2.50 or higher, and no grade lower than "C" (2.00) in each course, the Dean's Office will forward the Application for Academic Renewal to the University Registrar's Office for processing.

Only readmission students working toward their first undergraduate degree are eligible to apply for academic renewal, which may be implemented only once during a student's academic career.

Academic renewal is transferable among colleges.

All students with a cumulative ASU GPA below 2.00 and who have been absent from ASU for five consecutive calendar years or more are eligible to petition for academic renewal. Individual colleges may elect to entertain petitions for academic renewal from students with ASU GPAs above 2.00. College standards committees have final authorization on academic renewal petitions.

Undergraduate readmission contact information and office locations

Phone: 480-965-7788
Fax: 480-965-3610
Location: Student Services Building [7], room 112, Tempe campus.

Frequently asked questions about readmission

Am I eligible for quick re-entry?

If you're an undergraduate degree-seeking student who has attended ASU before but have not been enrolled for up to seven consecutive fall or spring semesters, you are eligible for quick re-entry. If you haven't been enrolled at ASU for eight or more semesters, you are not eligible for quick re-entry and must apply for readmission.

How do I know if I have to reapply for admission?

If you have not been enrolled at ASU for eight or more semesters, you have to apply for readmission and submit all applicable fees. If you have not been enrolled at ASU for one or two fall or spring semesters, you are eligible to return through quick re-entry.

Are readmission requirements different than when I was first admitted?

They may be, depending on when you were first admitted. ASU admission requirements change from time to time, so the admission standards you met previously may be different than they are currently.

View more FAQs [8]

Source URL: https://admission.asu.edu/undergrad/readmission

Links:
[1] https://students.asu.edu/leave-absence
[2] https://admission.asu.edu/contact
[3] mailto:ISSC@asu.edu
[4] https://issc.asu.edu/
[5] https://webapp4.asu.edu/uga_admissionsapp/
[6] https://admission.asu.edu/transfer/transferring-credits
[7] https://maps.asu.edu/?id=120&mrkIid=63156
[8] https://admission.asu.edu/contact/faqs

Visiting university students

Arizona State University welcomes visiting university students. We know there's a lot of uncertainty about the future right now. During this challenging time, ASU is proud to provide students enrolled in other colleges and universities with opportunities to stay on track academically and advance toward your goals.

Apply as a visiting student [1]

Courses for visiting university students

As a national leader in online and remote learning, ASU's robust catalog of classes is available wherever you are. ASU has the class you need to get back on track or get ahead on progress toward your degree.

Humanities courses

Literature, history, film studies, Shakespeare and more offered online (self-paced) or through live, digital classes.

Search humanities courses [2]

Science courses

Geography, marine biology, software engineering and more offered online (self-paced) or through live, digital classes.

Search science courses [3]

Art and design courses

Architecture, art history, animation, dance and more offered online (self-paced) or through live, digital classes.

Search art and design courses [4]

Social science courses

Criminal justice, forensic anthropology, counseling and more offered online (self-paced) or through live, digital classes.

Search social science courses [5]

Health courses

Biostatistics, health care management, psychopharmacology and more offered online (self-paced) or through live, digital classes.

Search health courses [6]

Business courses

Accounting, data analytics, information systems and more offered online (self-paced) or through live, digital classes.

Search business courses [7]

Engineering courses

Aviation, civil engineering, computer science, digital design and more offered online (self-paced) or through live, digital classes.

Search engineering courses [8]

Search for courses

Browse the Class Search tool for classes available for Visiting University students, including courses offered in-person and via ASU Sync, as well fully online iCourses and classes offered through ASU Online.

Search courses [9]

Steps to become a visiting university student at ASU

Step 01: Find a course [10] you want to take.

Search the entire catalog of ASU classes – find those available to help Visiting University Students catch up, stay on track or accelerate your degree.

Step 02: Submit your application [11].

Our Visiting University Student application is streamlined, taking only 10—15 minutes to complete. Decisions are made within 24—48 hours.

Step 03: Get an ASU email and activate your account [12].

Check your email for ASURITE credentials to activate your My ASU portal.

Step 04: Register [13] for classes and pay your bill [14].

Though financial aid is not available for Visiting University Students, affordable tuition rates have been set to support any students interested in advancing their degree through ASU credits.

We recommend checking the course number and name with your home institution advisor before you register to make sure it transfers back to your home institution.

Tuition for Visiting University Students is set at our ASU Online tuition rates [15] regardless of course modality.

Step 05: Take the class.

Your admission to ASU with nondegree-seeking status permits you to register for up to eight credit hours per semester. You may apply a maximum of 15 credit hours toward a degree at ASU. Nondegree-seeking students are not eligible for financial aid. For more information, visit this page [16].

Step 06: Order your ASU transcript [17].

Use this official document to submit to your home institution and apply toward your degree.

Visiting university student frequently asked questions

Are all classes taught online?

All classes are offered remotely. Pardon the ASU jargon and technicalities, but some are offered as our traditional ASU Online courses, some are iCourses and some are taught remotely through ASU Sync.

What is an ASU Online class?

ASU Online courses are part of our industry-leading online education platform and most are delivered asynchronously, meaning they do not have specific dates and times that the class meets. These classes are listed in ASU's course search as "ASU Online Classes".

What is an iCourse?

iCourses are online classes and may be offered asynchronously or they may be taught in live, digital sessions, or other synchronous methods. If an iCourse has a day and time listed, you will meet remotely during that time. If there is no

specific time listed, this means that the class is asynchronous, meaning they do not have specific dates and times that the class meets. These classes are listed in ASU's course search as "In-Person & iCourses".

What is ASU Sync?

ASU Sync allows any student to attend a live-taught, on-campus class via Zoom during its regularly scheduled day and time. These classes include a live lecture or class presentation by a faculty member alongside other virtual learners in Zoom and students in the classroom.

How much does a class cost?

ASU is committed to providing our high quality instruction at an affordable tuition rate. Tuition for Visiting University Students is set at our ASU Online tuition rates [15] regardless of course modality.

When do classes start?

ASU classes begin six times a year. ASU regularly offers classes in the fall, spring and summer terms. Follow this link to review the start dates for upcoming terms: https://students.asu.edu/academic-calendar [18]

Is there a credit limit that Visiting University Students can take?

Yes. Visiting University Students can take a maximum of 24 credit hours over the course of the academic year.

Can students who already have a bachelor degree take undergraduate or graduate-level classes as a Visiting University Student?

While we do not have a visiting university student application for those with a bachelor degree already completed, students who already have a bachelor's and are looking to enroll in courses at the undergraduate or graduate level are welcome to apply as a Graduate Non-Degree applicant.

Who is eligible to be a Visiting University Student?

If you are an undergraduate student in good academic standing at any community college, college or university, you are eligible to take courses for credit with Arizona State University as a Visiting University Student.

Can master's students take graduate-level classes as a Visiting University Student?

Yes, students who already have a bachelor's or are looking to enroll in ASU courses at the graduate (Master's) level are welcome to apply as a Graduate Nondegree applicant [19].

How long does it take to apply and get accepted?

In response to these unprecedented times, we have worked to make the application process as simple as possible. The application takes 10-15 minutes to complete. You'll have an answer on your application within 48 hours.

Do all classes transfer back to my home college/university?

Most of ASU's courses do transfer and count toward your degree at your home institution. **However, we strongly encourage you to speak with your advisor at your home institution** to ensure that the ASU class(es) you are taking will transfer back to your home institution. Ultimately, it is up to your home school if ASU classes count toward your degree.

Source URL: https://admission.asu.edu/visiting

Links:
[1] https://webapp4.asu.edu/uga_admissionsapp/?visiting2020
[2] https://webapp4.asu.edu/catalog/classlist?g=HU&hon=F&promod=F&e=open&page=1
[3] https://webapp4.asu.edu/catalog/classlist?k=science&l=undergrad&hon=F&promod=F&e=open&page=1
[4] https://webapp4.asu.edu/catalog/classlist?college=HI&hon=F&promod=F&e=open&page=1
[5] https://webapp4.asu.edu/catalog/classlist?g=SB&hon=F&promod=F&e=open&page=1

[6] https://webapp4.asu.edu/catalog/classlist?k=health&hon=F&promod=F&e=open&page=1

[7] https://webapp4.asu.edu/catalog/classlist?college=BA&hon=F&promod=F&e=open&page=1

[8] https://webapp4.asu.edu/catalog/classlist?college=ES&l=undergrad&hon=F&promod=F&e=open&page=1

[9] https://webapp4.asu.edu/catalog

[10] https://webapp4.asu.edu/catalog/

[11] https://webapp4.asu.edu/uga_admissionsapp/?visiting2020

[12] https://weblogin.asu.edu/password/activation

[13] https://students.asu.edu/drop-add

[14] https://students.asu.edu/tuitionandbilling

[15] https://asuonline.asu.edu/what-it-costs/

[16] https://admission.asu.edu/undergrad/nondegree

[17] https://students.asu.edu/transcripts

[18] https://students.asu.edu/academic-calendar

[19] https://admission.asu.edu/graduate/nondegree

Western Undergraduate Exchange (WUE)

Reduced tuition at ASU — it's the neighborly thing to do

The Western Undergraduate Exchange (WUE) is a program coordinated by the Western Interstate Commission for Higher Education. Residents of western states (other than Arizona) may enroll in the ASU WUE program at a tuition rate of 150 percent of Arizona base resident tuition plus all applicable fees for fall and spring terms only. WUE programs are limited to select majors at ASU's Downtown Phoenix, Polytechnic and West campuses.

Explore WUE majors [1]

Nonresident tuition
$29,952

Nonresident WUE tuition
$16,467

WUE enrollment and eligibility information

General eligibility requirements

- Students must be a permanent resident of **Alaska, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming or the Commonwealth of the Northern Mariana Islands.**
- Students must apply to one of the ASU WUE-eligible majors or programs [2].
- To maintain WUE eligibility, you must follow certain requirements including remaining enrolled in your WUE-eligible major and campus. See all the requirements for maintaining WUE eligibility [3].
- Any currently enrolled ASU student who does not meet initial eligibility requirements as a first-year student or a transfer student, can be re-evaluated after completing 12 credit hours at ASU with a minimum 2.50 ASU cumulative GPA. Students can email WUE@asu.edu [4] to be reviewed once final grades have been posted.

First-year student requirements

- First-year students must have a high school GPA of 3.00 or higher in competency courses [5] (this is known as the ABOR GPA), or have an SAT of 1180 or ACT of 24 (not including the writing portion of these exams) or higher.
- First-year students are expected to live in an ASU residence hall during their first year. Please see asu.edu/housing [6] for more information.
- WUE first-year students may be eligible for an ASU nonresident merit-based WUE scholarship [7]. ASU will notify qualified admitted first-year students in writing of this award.

Transfer student requirements

- Transfer students must have an overall GPA of 2.50 or higher on a 4.00 scale in all transferable coursework.
- Transfer students must have less than 120 transferable semester credits.
- Community college transfer students must have a minimum of an associate degree or 60 transferable semester credits (90 quarter credits are needed for students transferring from a community college on the quarter system).
- BAS degree programs are only open to students who have an AAS or equivalent degree
- All final transcripts must be filed two weeks prior to the start of your first semester at ASU in order to be evaluated for WUE.
- No individual review is conducted for transfer students.

Individual review

Students who don't meet the above standards will be considered for the WUE program through individual review. Through this process, Admission Services will review all available information about a student's application, carefully considering all aspects of a student's academic background and accomplishments. Submission of an ACT or SAT score is highly recommended. In some cases, additional information might be requested.

More information about WUE

If you have questions about WUE, please contact your ASU admission representative or visit the Western Undergraduate Exchange website [8].

Contact my rep [9]

Current students with questions on maintaining eligibility, should contact University Registrar Services at WUE@asu.edu [4].

Source URL: https://admission.asu.edu/wue

Links:
[1] https://webapp4.asu.edu/programs/t5/programs/Keyword/wue/undergrad/false?init=false
[2] https://webapp4.asu.edu/programs/t5/programs/Keyword/wue/undergrad/false
[3] https://admission.asu.edu/wue/wue-maintaining-eligibility
[4] mailto:WUE@asu.edu
[5] https://admission.asu.edu/first-year/competency-requirements
[6] https://housing.asu.edu/
[7] https://scholarships.asu.edu/scholarship/1733
[8] https://www.wiche.edu/wue
[9] https://admission.asu.edu/findmyrep

Maintaining WUE eligibility

WUE requirements for maintaining eligibility

- Western Undergraduate Exchange status is available for new first-time freshmen for up to eight semesters, for new community college transfer students for up to five semesters and for new transfer students from four year institutions for up to 120 credit hours (including all transfer credits).
- Students must maintain continuous enrollment defined as enrollment in both fall and spring semesters. Students must earn a minimum of 24 credits during this time period. Students not continually enrolled will no longer be eligible for WUE tuition status.
- A cumulative institutional GPA of 2.50 or higher is required.
- The following do not satisfy full-time credit-hour requirements for maintaining eligibility; however, they may be used toward your overall credits for degree completion:
  - Summer sessions and consortium agreement courses, repeating a course, a grade of incomplete or auditing a course.
  - Any credits received by examination, including Advanced Placement, CLEP, IB and other tests
- **Effective spring 2018**, students may take courses in any other WUE program at the Polytechnic, Downtown Phoenix, or West campus, as well as any additional non-WUE courses required for their WUE degree completion, e.g., specific courses on your major map or courses which meet a General Studies or elective requirement. If necessary, class exception requests should be submitted via email directly to wue@asu.edu [1] for consideration.
- Students may take iCourses without requesting a class exception.
- Students may take special courses offered only at Tempe, such as Marching Band, Dance, ROTC, Foreign Language, Internships, Public Service and Community Solutions courses.

- Students in Study Abroad and off-campus internships will maintain their WUE status.
- Concurrent majors: students that are in a WUE major and also in a major that is not WUE at the Tempe campus must take at least 12 hours at the WUE campuses. Any credits over 12 hours may be at Tempe. This policy also applies to minors and certificates.
- Students must maintain enrollment in an ASU declared WUE-eligible major/program. Students who change majors to a non-WUE major/program will be charged out-of-state tuition.
- Students must remain residents of their home state.
- Students cannot apply time accrued while participating in the WUE program to establish Arizona residency.
- Violation of the ABOR Student Code of Conduct [2] may result in loss of a student's WUE eligibility.

Source URL: https://admission.asu.edu/wue/wue-maintaining-eligibility

Links:
[1] mailto:wue@asu.edu
[2] https://public.azregents.edu/Policy%20Manual/5-308-Student%20Code%20of%20Conduct.pdf

Contact ASU Admission Services

We're here to help

To find your personal admission representative's email and phone number, select undergraduate or graduate below and answer a couple quick questions.

Undergraduate representative [1]   Graduate representative [2]

Admission Services mailing address

Have your test scores (e.g., ACT, SAT, TOEFL) and official high school or college transcripts sent from the issuing institution to the address below. Any written inquiries should be sent to this address as well.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

If sending by FedEx, DHL or UPS (Recommended method for international students):

Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

Contact ASU Admission Services by email or by phone

Undergraduate admission (first-year students and transfer students)

Downtown Phoenix campus

University Center Building, Suite 130 [3]
Monday — Friday 8 a.m. – 5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students [4] | Transfer [5] | International [6]
Street address: 411 N. Central Ave. Phoenix, AZ 85004

Polytechnic campus

Administration Building [7]
Monday — Friday 8 a.m. – 5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students [4] | Transfer [5] | International [6]
Street address: 5990 S Sterling Mall Mesa, Arizona 85212

ASU at Lake Havasu

Santiago Hall [8]
Monday — Friday 8 a.m. – 5 p.m.
Phone number: 928-854-9745
Email: First-year students [4] | Transfer [5] | International [6]
Street address: 100 University Way, Lake Havasu City, AZ 86403

Tempe campus

Student Services Building, room 110 [9]
Monday: 8 a.m. – 4 p.m.
Tuesday — Friday: 8 a.m. — 5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students [4] | Transfer [5] | International [6]
Street address: 1151 S. Forest Ave. Tempe, AZ 85281

West campus

University Center, Room 120 [10]
Monday — Friday 8 a.m. – 5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students [4] | Transfer [5] | International [6]
Street address: 13590 N. 47th Ave. Phoenix, AZ 85306

Upcoming events

Learn more about the ASU academic and student experience with these events.

Sun Devil Day

High school juniors and seniors are invited to visit ASU's metropolitan Phoenix campuses in person to take a tour and learn more about academic programs, steps to admission and financial aid options.

February, March and April

Learn more [11]

Source URL: https://admission.asu.edu/contact

Links:
[1] https://admission.asu.edu/contact/undergraduate
[2] https://admission.asu.edu/contact/graduate
[3] https://www.asu.edu/map/interactive/?campus=downtown&building=UCENT
[4] https://admission.asu.edu/findmyrep

[5] https://admission.asu.edu/contact/transfer

[6] https://admission.asu.edu/contact/international

[7] https://www.asu.edu/map/interactive/?id=120&mrkIid=62667

[8] https://www.asu.edu/map/interactive/?id=120&mrkIid=62663

[9] https://www.asu.edu/map/interactive/?campus=tempe&building=SSV

[10] https://www.asu.edu/map/interactive/?campus=west&building=UCB

[11] https://visit.asu.edu/sundevilday

Arizona General Education Curriculum (AGEC)

The Arizona public community colleges and universities have agreed upon a common structure for a general education core. This curriculum provides students attending any Arizona public community college with the opportunity to build a general education program that is transferable to any other state institution without loss of credit. This common agreement is called the Arizona General Education Curriculum or AGEC.

The AGEC is composed of 35 to 37 credit hours of lower-division general education coursework in which a student may prepare for transfer.

The AGEC has three forms: AGEC-A, AGEC-B and AGEC-S. A detailed description of each AGEC is available at https://aztransfer.com/generaleducation/ [1].

Community colleges are responsible for certifying the date of completion of the AGEC on the official institutional transcripts.

Completion of the appropriate AGEC will fulfill university lower-division general education requirements of the baccalaureate degree with which the AGEC articulates. Students completing the AGEC will still be required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study. To complete a degree program most efficiently, students should select courses that concurrently satisfy AGEC and major requirements.

Completion of any AGEC from an Arizona community college guarantees admission to the university provided that a cumulative GPA of 2.50 or higher has been achieved. AGEC completion, however, does not guarantee admission to any specific university program. Many majors (e.g., architecture, engineering, business, the fine and creative arts, or health professions) have significant prerequisites or program requirements that must be completed before a student may be admitted to upper-division coursework. Community college students who are undecided about which of the universities they plan to attend or what program of study they intend to pursue are advised to explore educational options while they complete the AGEC. In all cases, students have the responsibility for selecting general education coursework that is relevant to the requirements of their intended major and degree.

Students who complete both the AGEC and an approved associate degree will be assigned junior class standing by the state universities. Junior class standing is based on the number of credit hours a student has earned and does not necessarily indicate the remaining number of credit hours needed to complete degree requirements. Course prerequisites, major requirements and upper-division requirements continue to be specified by each university. Appropriate sequencing of courses and timely completion of course prerequisites are essential to ensure efficient progress toward a baccalaureate degree. Students who have identified the university they plan to attend or a major area of study are advised to fulfill requirements and prerequisites identified by these programs through ASU's MyPath2ASU™ [2]. The AGEC does not replace articulation agreements developed to enhance the transfer process between specific institutions, nor does the AGEC eliminate the possibility that students who have identified the university they plan to attend and a major area of study will follow transfer guides provided by the state universities.

Source URL: https://catalog.asu.edu/agec

Links:
[1] https://aztransfer.com/generaleducation/
[2] https://admission.asu.edu/transfer/pathway-programs

Course load and concurrent enrollment

Course load

A minimum full-time course load for an undergraduate student is 12 credit hours.

The maximum course load for which a student may register is 18 credit hours (it is 19 credit hours for students enrolled in the Ira A. Fulton Schools of Engineering), with a maximum of nine credit hours in each A or B session. A student wishing to register for more than the maximum must petition the standards committee of the college in which the student is enrolled and must obtain an approved overload before registration.

Summer session credit hour load

The summer session credit hour load limit is seven credit hours for each six-week session and nine credit hours for the eight-week session, and the load limit may not exceed 14 credit hours for any combination of sessions.

Graduate credits earned by undergraduate students

ASU undergraduate students who have achieved senior status (they cannot be postbaccalaureate) with a cumulative GPA of 3.00 or higher may count up to 12 credit hours of graduate-level coursework toward their graduate degree at ASU (preadmission credit hours). Only graduate courses with a grade of "B" (3.00) or higher may be included on a graduate plan of study. Preadmission graduate courses cannot be used to meet any baccalaureate graduation requirements. Before registering for these courses, students are advised to check with their academic advisor to ensure the correct internal academic unit or college process is followed. Permission to take a preadmission graduate course does not guarantee admission to a graduate degree program or that the course may be used toward graduate degree requirements.

Use of graduate course credit by undergraduates

Graduate course credit earned by an undergraduate student that is used to fulfill requirements for an undergraduate degree program cannot also be used in a graduate degree program unless the student is enrolled in an approved accelerated program. Students must contact their advisor before enrolling in a graduate course they wish to use toward a future graduate program at ASU.

Concurrent enrollment

Provided that the other institution's regulations concerning enrollment, graduation requirements and transfer of credits are not violated, a student may enroll in classes at other institutions or in independent learning courses while enrolled at ASU. However, the student is urged to seek advising before concurrent enrollment to assure orderly progress toward a degree. If the total credit hours exceed the maximum course load, prior permission must be granted by the college standards committee.

Enrollment verification guidelines

The registrar is responsible for verifying enrollment, according to general guidelines; students should review the enrollment verification [1] page.

Source URL: https://catalog.asu.edu/course_load

Links:
[1] https://students.asu.edu/enrollment-verification

Credit by examination

Students may receive credit for an ASU course by taking an examination in place of the actual course. Some exams may be taken prior to admission to ASU. Information is provided below for each type of exam, the courses that are equivalent and other conditions that may apply to credit being awarded.

- A student may earn no more than 60 hours of credit by examination for any or all programs, including ASU comprehensive and proficiency exams.
- Credit will not be awarded for any course in which the student has been given credit from any educational institution.
- Credit will not be granted for a course taken at an educational institution after credit by examination has been awarded.
  Exception: Students who take the advanced placement exams may choose either to have the credit earned by advanced placement kept in their cumulative university hours or to complete the ASU course and have the credit and grade instead, regardless in which order the test or course is taken. Students should see the advanced placement section, below, for additional details on the exam and its equivalent scores.
- Credit may not be received for a lower-level or prerequisite course when credit has already been received in a higher-level course within the same field.
- Only credit earned by comprehensive examination will count toward the resident credit requirement for graduation.
- Credit by exam is awarded based on the date the exam was taken. Students who take the exam during the current catalog year (August 2022–July 2023) will earn credit based on the credit equivalency found in the current catalog. **If the test was taken in a prior academic year, the student should refer to the catalog of that year or search the Transfer Guide** [1] **for more information.**

Types of examinations

College-level Examination Program (CLEP) [2] can be taken before or during enrollment at ASU.

Advanced Placement (AP) [3] is taken during secondary school or before enrollment at ASU.

DANTES or DSST (Defense Activity for Nontraditional Education Support Subject Standardized Test) [4] is taken by military or approved government personnel before or during enrollment at ASU.

International Baccalaureate (IB) exam [5] credit is earned by students of an International Baccalaureate®-approved school before enrollment at ASU.

Cambridge International Exam [6] is taken by students who have completed a Cambridge course in their secondary school.

Comprehensive examinations [7] can be taken by current ASU students.

Proficiency examinations [8] can be taken by current ASU students.

For information about placement testing for mathematics and English classes prior to orientation, students should refer to the placement and testing requirements [9] in the ASU Catalog.

College-Level Examination Program (CLEP)

Students who have taken a College-Level Examination of the College Entrance Examination Board may receive university credit. The table of CLEP credit applies to all students enrolled in the university for the first time in August 1975 and any student enrolling thereafter. CLEP examination credit is not given where it duplicates credit previously earned by the student at the university or accepted by the university for work done elsewhere. All examinations are given monthly by University Testing and Scanning Services [10].

The General Studies requirements in natural science (SQ and SG) and literacy and critical inquiry (L) are not satisfied by CLEP. There is no limit to the number of CLEP credits that can be used to fulfill the other parts of the General Studies requirement. A student who has received ASU credit for a course due to special programs credit may not duplicate the credit by enrolling in the same class for credit at ASU or transferring it to another institution.

Subject examinations

To obtain credit or placement for all subject exams except English, History, French, German, and Spanish, a student must receive a score of 50 (computer-based testing [CBT] scale) or higher. To obtain credit for College Composition, a student must receive a standard score of 610 (1978 scale), 500 (1986 scale), or 50 (CBT scale). Test scores for French, German, History and Spanish are shown below in the CLEP credit table.

All equivalency is subject to future review and possible catalog change. Students should refer to the Transfer Credit Guide for equivalencies of exams taken outside of the current catalog year. For more information on registering for CLEP testing, students should contact University Testing and Scanning Services [10] at 480-965-7146 or visit the office at 1130 E. University Dr., Suite 204, Tempe, Ariz.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. **Students should see their advisor to determine how these courses may apply to their major.**

Examination	Credit hours	Equivalency
American Government	3	POS 110
American Literature	3	ENG DEC* (Students must score 55 or higher.)
Analyzing and Interpreting Literature	3	ENG DEC*
Biology	3	BIO DEC*
Calculus	3	MAT 265
	4	MAT 270
Chemistry	4	CHM 113
College Algebra	3	MAT 117
College Composition	3	Placement into ENG 105 and Elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 50 or higher) prior to enrolling in ENG 102 may receive ENG 101 credit for the exam.
College Composition - Modular	0	No credit

College Mathematics	0	No credit
English Literature	3	ENG DEC* (Students must score 55 or higher.)
Financial Accounting	3	Elective credit
French Language	4 8 12 16	FRE 101 (Students must score 50–54.) FRE 101, 102 (Students must score 55–61.) FRE 101, 102, 201 (Students must score 62–65.) FRE 101, 102, 201, 202 (Students must score 66 or higher.)
German Language	4 8 12 16	GER 101 (Students must score 39–45.) GER 101, 102 (Students must score 46–50.) GER 101, 102, 201 (Students must score 51–59.) GER 101, 102, 201, 202 (Students must score 60 or higher.)
History of the United States I — Early Colonization to 1877	3	HST 109 (Students must score 56 or higher.)
History of the United States II — 1865 to the Present	3	HST 110 (Students must score 56 or higher.)
Human Growth and Development	3	CDE 232
Humanities	3	Elective credit
Information Systems and Computer Applications	3	CIS DEC*
Introduction to Educational Psychology	0	No credit
Introductory Business Law	3	LAW 210
Introductory Psychology	3	PGS 101 or PSY 101
Introductory Sociology	3	SOC 101
Natural Sciences	3 6	Elective credit (Students must score 53-55.) Elective credit (Students must score 56 or higher.)
Precalculus (replaces College Algebra/Trigonometry)	3	MAT 170
Principles of Macroeconomics	3	ECN 211
Principles of Management	0	No credit
Principles of Marketing	0	No credit
Principles of Microeconomics	3	ECN 212

Social Sciences and History	6	Elective credit (Students must score 56 or higher.)
Spanish Language	4	SPA 101 (Students must score 50-54.)
	8	SPA 101, 102 (Students must score 55-65.)
	12	SPA 101, 102, 201 (Students must score 66-67.)
	16	SPA 101, 102, 201, 202 (Students must score 68 or higher.)
Spanish with Writing	8	SPA 101, 102 (Students must score 50–59.)
	16	SPA 101, 102, 201, 202 (Students must score 60 or higher.)
Western Civilization I — Ancient Near East to 1648	3	HST 102 (Students must score 56 or higher.)
Western Civilization II — 1648 to the Present	3	HST 104 (Students must score 56 or higher.)

Advanced Placement

Students who have taken an advanced placement course of the College Entrance Examination Board in their secondary school and who have taken an AP examination of the CEEB may receive university credit. No credit is given for any examination with a score of two or one. There is no limit to the number of AP credits that can be used to meet the General Studies requirement, including the requirements in natural sciences (SQ and SG) and literacy and critical inquiry (L).

When the scores are received by the university directly from the CEEB, credit is awarded as shown in the Advanced Placement Credit table below.

Examination	Score	Credit hours	Equivalency
2-D Art and Design	5 or 4	3	ART 112
3-D Art and Design	5 or 4	3	ART 115
Art History	5 or 4	6	ARS 101, 102
	3	3	ARS 101 or 102
Biology	5 or 4	8	BIO 181, 182
	3	4	BIO 100
Calculus AB	5, 4 or 3	4	MAT 270
Calculus BC	5 or 4	8	MAT 270, MAT 271
	3	4	MAT 270
Capstone Research	5, 4 or 3	3	Elective
Capstone Seminar	5, 4 or 3	3	Elective
Chemistry	5	8	CHM 113, 116

	4	4	CHM 113
Chinese Language and Culture	5	20	CHI 101, 102, 201, 202
	4	15	CHI 101, 102, 201
	3	10	CHI 101, 102
Comparative Government and Politics	5 or 4	3	POS 150
Computer Science A	5 or 4	3	CSE 110 or ACO 101
Computer Science Principles	5, 4 or 3	3	IFT 101
Drawing	5 or 4	3	ART 111
English Language & Composition	5 or 4	3	Placement into ENG 105 and Elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 4 or 5) prior to enrolling in ENG 102 may receive ENG 101 credit for the exam.
English Literature & Composition	5 or 4	3	Placement into ENG 105 and Elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 4 or 5) prior to enrolling in ENG 102 may receive ENG 101 credit for the exam.
Environmental Science	5 or 4	3	SOS 110
European History	5 or 4	6	HST 103 and 104
French Language and Culture	5	14	FRE 201, 202, 311, 312
	4	11	FRE 201, 202, 311
	3	8	FRE 201, 202
German Language and Culture	5	14	GER 201, 202, 311, 312
	4	11	GER 201, 202, 311
	3	8	GER 201, 202
Human Geography	5 or 4	3	GCU 102
Italian Language and Culture	5	16	ITA 101, 102, 201, 202
	4	12	ITA 101, 102, 201
	3	8	ITA 101, 102
Japanese Language and Culture	5	20	JPN 101, 102, 201, 202
	4	15	JPN 101, 102, 201
	3	10	JPN 101, 102
Latin	5	16	LAT 101, 102, 201, 202
	4	12	LAT 101, 102, 201

	3	8	LAT 101, 102
Macroeconomics	5 or 4	3	ECN 211
Microeconomics	5 or 4	3	ECN 212
Music Theory	5 or 4	3	MTC 125
Physics – AP 1 Mechanics	5 or 4	4	PHY 111, 113
Physics – AP 2 Electricity and Magnetism	5 or 4	4	PHY 112, 114
Physics — AP Mechanics C	5, 4 or 3	4	PHY 111, 113
Physics — AP Electricity and Magnetism C	5, 4 or 3	4	PHY 112, 114
Psychology	5 or 4	3	PGS 101 or PSY 101
Spanish — Language and Culture	5 4 3	14 11 8	SPA 201, 202, 294 and 313 SPA 201, 202 and 294 SPA 201, 202
Spanish — Literature and Culture	5 4 3	12 11 8	SPA 201, 202, 313 and 394 SPA 201, 202 and 313 SPA 201, 202
Statistics	5, 4 or 3	3	STP 226
U.S. Government and Politics	5 or 4	3	POS 110
U.S. History	5 or 4	6	HST 109 and 110
World History: Modern	5 or 4	3	HST 101

DANTES/DSST

Students who have taken a DSST (DANTES [Defense Activity for Nontraditional Education Support] Subject Standardized Test) may receive university credit. Credit is awarded for score results at or above the American Council on Education's recommended score if the subject examination is applicable to a program of study at ASU, or credit may be assigned as elective. To receive credit, a transcript showing the DSST results must be received by ASU directly from the Educational Testing Service.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. **Students should see their advisor to determine how these courses may apply to their major.**

Students should refer to the Transfer Credit Guide for equivalencies of exams taken outside of the current catalog year. To register for the exam or for more information about exam fees, students should contact University Testing and Scanning Services [11] at 480-965-7146 or visit the office at 1130 E. University Dr., Suite 204, Tempe, Ariz.

DSST Exam	ASU credit	Score	Credit hours
A History of the Vietnam War	Elective credit	400	3
Art of the Western World	ARS 101 or 102	400	3
Astronomy	No credit		
Business Ethics and Society	Elective credit	400	3
Business Mathematics	No credit		
Computing and Information Technology	No credit		
Criminal Justice	CRJ 100	400	3
Environmental Science	Elective credit	400	3
Ethics in America	No credit		
Ethics in Technology	Elective credit	400	3
Foundations of Education	TEL DEC*	400	3
Fundamentals of College Algebra	No credit		
Fundamentals of Counseling	Elective credit	400	3
Fundamentals of Cybersecurity	Elective credit	400	3
General Anthropology	No credit		
Health and Human Development (formerly Here's to Your Health)	No credit		
History of the Soviet Union	HST DEC*	400	3
Human Resource Management	No credit		

Introduction to Business	Elective credit	400	3
Introduction to Geography (formerly Human/Cultural Geography)	GCU 102	400	3
Introduction to Geology	GLG 101	400	3
Introduction to Law Enforcement	CRJ DEC*	400	3
Introduction to World Religions	No credit		
Lifespan Developmental Psychology	Elective credit	400	3
Management Information Systems	Elective credit	400	3
Math for Liberal Arts	MAT 142	400	3
Money and Banking	No credit		
Organizational Behavior	Elective credit	400	3
Personal Finance	Elective credit	400	3
Physical Geology	No credit		
Principles of Advanced English Composition	No credit		
Principles of Finance	Elective credit	400	3
Principles of Public Speaking	Elective credit	400	3
Principles of Statistics	STP 226	400	3
Principles of Supervision	Elective credit	400	3
Substance Abuse	No credit		
Technical Writing	ENG DEC*	400	3
The Civil War and Reconstruction	HST DEC*	400	3

International Baccalaureate (IB) exam

Students who present an International Baccalaureate exam may qualify for university credit, depending on the level of the examination and the grade received. Arizona State University grants credit for higher-level courses and some standard-level courses. A high-level grade of five qualifies the student to receive credit for up to two introductory courses while a grade of four qualifies a student to receive credit for one introductory course. No credit is awarded for English as a second language (English B). Credit is awarded according to the International Baccalaureate credit table below.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. **Students should see their advisor to determine how these courses may apply to their major.**

Examination**	Score	Credit hours	Equivalency
Art/Design High-Level	any	0	No credit
Biology Standard-Level	7, 6 or 5	4	BIO 100
	4	3	BIO DEC*
Biology High-Level	7, 6 or 5	8	BIO 181, 182
	4	4	BIO 100
Business and Management Standard-Level	7, 6, 5 or 4	3	Elective
Business and Management High-Level		3	Elective
	7, 6 or 5	0	No credit
	4		
Chemistry Standard-Level	any	0	No credit
Chemistry High-Level	7, 6 or 5	8	CHM 113, 116
	4	4	CHM 113
Chinese B Standard-Level	any	0	No credit
Chinese B High-Level	7	20	CHI 101, 102, 201 and 202
	6	15	CHI 101, 102 and 201
	5	10	CHI 101 and 102
	4	5	CHI 101
Classical Languages (Latin) Standard-Level	any	0	No credit
Classical Languages (Latin) High-Level	7	16	LAT 101, 102, 201 and 202
	6	12	LAT 101, 102 and 201
	5	8	LAT 101 and 102
	4	4	LAT 101
Computer Science Standard-Level	7, 6, 5 or 4	3	Elective
Computer Science High-Level		3	ACO 101 or CSE 110
	7, 6 or 5		

Dance Standard-Level	7, 6, 5 or 4	3	DCE 201
Dance High-Level	7, 6, 5 or 4	3	DCE 201
Design Technology Standard-Level	7, 6, 5 or 4	3	Elective
Design Technology High-Level	7, 6, 5 or 4	3	EGR 101
Economics Standard-Level	any	0	No credit
Economics High-Level	7, 6 or 5	6	ECN 211, 212
English Language A: Language and Literature Standard-Level	any	0	No credit
English Language A: Language and Literature High-Level	7, 6 or 5	3	ENG 101 or Elective
English Language A: Literature Standard-Level	any	0	No credit
English Language A: Literature High-Level	7, 6 or 5	3	ENG 101 or Elective
Environmental Systems and Societies Standard-Level	7, 6 or 5	3	SOS 110
Extended Essay	any	0	No credit
Film Standard-Level	7, 6, 5 or 4	3	FMS 100
Film High-Level	7, 6, 5 or 4	3	FMS 110 or 201
French B Standard-Level	any	0	No credit
French B High-Level	7	16	FRE 101, 102, 201 and 202
	6	12	FRE 101, 102 and 201
	5	8	FRE 101 and 102
	4	4	FRE 101
Further Mathematics High-Level	7, 6 or 5	4	MAT DEC*
Geography Standard-Level	7, 6, 5 or 4	3	GCU DEC*
Geography High-Level	7, 6 or 5	3	GCU 102
German B Standard-Level	any	0	No credit
German B High-Level	7	16	GER 101, 102, 201 and 202
	6	12	GER 101, 102 and 201
	5	8	GER 101 and 102
	4	4	GER 101

Global Politics Standard-Level	any	0	No credit
Global Politics High-Level	7, 6, 5 or 4	3	POS 160
History Standard-Level	7, 6 or 5	3	HST DEC*
History of Africa and the Middle East High-Level	7, 6 or 5	6	Elective
	4	0	No credit
History of the Americas High-Level	7, 6 or 5	6	HST 109 and 110
	4	3	HST 109
History of Asia and Oceania High-Level	7, 6 or 5	6	HST 107 and 240
	4	3	HST 107
History of Europe High-Level	7, 6 or 5	6	HST 103 and 104
	4	3	HST 103
Information Technology in a Global Society Standard-Level	7, 6 or 5	3	Elective
	4	0	No credit
Information Technology in a Global Society High-Level	7, 6 or 5	3	Elective
Japanese B Standard-Level	any	0	No credit
Japanese B High-Level	7	20	JPN 101, 102, 201 and 202
	6	15	JPN 101, 102 and 201
	5	10	JPN 101 and 102
	4	5	JPN 101
Language ab Initio Standard Level	any	0	No credit
Literature and Performance Standard-Level	any	0	No credit
Mathematical Studies Standard-Level	any	0	No credit
Mathematics: Applications & Interpretations Standard-Level	7, 6 or 5	3	MAT DEC*
	4	0	No credit
Mathematics: Applications & Interpretations High-Level	7, 6 or 5	3	MAT 142
	4	0	No credit
Mathematics: Analysis & Approaches Standard-Level	7, 6 or 5	3	MAT DEC*
	4	0	No credit
Mathematics: Analysis & Approaches High-Level	7, 6 or 5	4	MAT 270
	4	0	No credit
Modern Languages: Chinese B High-Level	7	20	CHI 101, 102, 201 and 202
	6	15	CHI 101, 102 and 201

	5	10	CHI 101 and 102
	4	5	CHI 101
Modern Languages: French B High-Level	7	16	FRE 101, 102, 201 and 202
	6	12	FRE 101, 102 and 201
	5	8	FRE 101 and 102
	4	4	FRE 101
Modern Languages: German B High-Level	7	16	GER 101, 102, 201 and 202
	6	12	GER 101, 102 and 201
	5	8	GER 101 and 102
	4	4	GER 101
Modern Languages: Japanese B High-Level	7	20	JPN 101, 102, 201 and 202
	6	15	JPN 101, 102 and 201
	5	10	JPN 101 and 102
	4	5	JPN 101
Modern Languages: Spanish B High-Level	7	16	SPA 101, 102, 201 and 202
	6	12	SPA 101, 102 and 201
	5	8	SPA 101 and 102
	4	4	SPA 101
Music High-Level	7, 6 or 5	4	MUS DEC*
	4	0	No credit
Philosophy Standard-Level	7, 6, 5 or 4	0	No credit
Philosophy High-Level	5 or 4	0	No credit
Physics Standard-Level	7 or 6	4	PHY 111, 113
	5 or 4	0	No credit
Physics High-Level	7, 6	8	PHY 111, 112, 113, 114
	5	4	PHY 111, 113
Psychology Standard-Level	7, 6, 5 or 4	3	PSY DEC*
Psychology High-Level	7, 6, 5	3	PGS 101 or PSY 101
Social and Cultural Anthropology Standard-Level	7, 6 or 5	3	ASB DEC*
Social and Cultural Anthropology High-Level	7, 6, 5 or 4	3	ASB 102
Spanish B Standard-Level	any	0	No credit

Spanish B High-Level	7 6 5 4	16 12 8 4	SPA 101, 102, 201 and 202 SPA 101, 102 and 201 SPA 101 and 102 SPA 101
Sports, Exercise and Health Science Standard-Level Sports, Exercise and Health Science High-Level	7, 6 or 5 7, 6, 5 or 4	3 3	EXW 100 KIN 100 or EXW 100
Theory and Knowledge	7, 6, 5 or 4	0	No credit
Theatre Standard-Level Theatre High-Level	7, 6, 5 or 4 7, 6, 5 or 4	3 3	THE 100 THE 100
Visual Arts Standard-Level Visual Arts High-Level	7, 6 or 5 4 7, 6 or 5 4	6 3 6 3	ART 111 and ART DEC* ART 111 ART 111, 112 ART 112
World Religions Standard-Level	7, 6 or 5 4	3 0	REL DEC* No credit
** No credit is awarded if the language is the student's native language.			

Cambridge International Exam

Students who have completed a Cambridge course in their secondary school and who have taken a Cambridge International AS or A level examination may receive university credit. When the scores are received by the university, credit is awarded as shown in the Cambridge International Exam table below.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. **Students should see their advisor to determine how these courses may apply to their major.**

Examination	Score	ASU score translation	Credit hours	Equivalency
Accounting AS-Level	E or better	1-5	3	Elective credit
Accounting A-Level	E or better	1-5	6	Elective credit
Art and Design AS-Level**	E or better	1-5	3	ART DEC*
Art and Design A-Level**	E or better	1-5	6	ART DEC*
Biology AS-Level	D or better	2-5	4	BIO 100 or BIO DEC*
	E	1	4	BIO 100
Biology A-Level	D or better	2-5	8	BIO 181, 182
	E	1	4	BIO 181
Business Studies AS-Level	E or better	1-5	3	Elective credit
Business Studies A-Level	E or better	1-5	6	Elective credit
Chemistry AS-Level	D or better	2-5	4	CHM 101
Chemistry A-Level	A	5	8	CHM 113 and CHM 116
	B or C	4 or 3	4	CHM 113
	D or E	2 or 1	4	CHM 101
Chinese Language AS-Level	C or better	3-5	5	CHI 101
Chinese A-Level	C or better	3-5	10	CHI 101 and CHI 102
Computer Science AS-Level	E or better	1-5	3	IFT 100
Computer Science A-Level	E or better	1-5	3	CSE 100 or CSE 110 or IFT 100
Design and Technology AS-Level	E or better	1-5	0	No credit
Design and Technology A-Level	E or better	1-5	0	No credit
Design and Textiles AS-Level	E or better	1-5	3	FSH 201
Design and Textiles A-Level	E or better	1-5	6	FSH 201 and FSH DEC*
Digital Media and Design AS-Level	C or better	3-5	3	ART DEC*
Digital Media and Design A-Level	E or better	1-5	3	ART 116

Drama AS-Level	C or better	3-5	3	THE 100
Drama A-Level	C or better	3-5	6	THE 100 and THE DEC*
Economics AS-Level	E or better	1-5	0	No credit
Economics A-Level	D or better	2-5	6	ECN 211 and ECN 212
English Language AS-Level	E or better	1-5	0	No credit
English Language A-Level	E or better	1-5	3	Placement into ENG 105 and elective credits (3)
English Literature AS-Level	E or better	1-5	0	No credit
English Literature A-Level	E or better	1-5	3	ENG DEC*
Environmental Management AS-Level	D or better	2-5	4	BIO 130
Food Studies AS-Level	E or better	1-5	0	No credit
French Language AS-Level	C or better	3-5	4	FRE 101
French Literature AS-Level	E or better	1-5	0	No credit
French A-Level	C or better	3-5	8	FRE 101 and FRE 102
General Paper (Writing) AS-Level	E or better	1-5	3	Placement into ENG 105 and elective credits (3)
German Language AS-Level	C or better	3-5	4	GER 101
German A-Level	C or better	3-5	8	GER 101 and GER 102
	D or E	2 or 1	0	No credit
Geography AS-Level	E or better	1-5	3	GCU DEC*
Geography A-Level	E or better	1-5	6	GCU 102 and GPH DEC*
Global Perspectives and Research AS-Level	E or better	1-5	3	Elective credit
Global Perspectives and Research A-Level	E or better	1-5	6	Elective credit
History AS-Level	E or better	1-5	3	HST DEC*
History A-Level	E or better	1-5	6	HST DEC*
Information Technology AS-Level	E or better	1-5	3	Elective credit
Information Technology A-Level	E or better	1-5	3	Elective credit
Marine Science AS-Level	E or better	1-5	0	No credit
Marine Science A-Level	E or better	1-5	0	No credit
Mathematics AS-Level	E or better	1-5	3	MAT 117
Mathematics A-Level	E or better	1-5	3 to 4	MAT 170 or 171

Mathematics-Further AS-Level	E or better	1-5	4	MAT 270
Mathematics-Further A-Level	E or better	1-5	8	MAT 270 and MAT 271
Media Studies AS-Level	E or better	1-5	0	No credit
Media Studies A-Level	E or better	1-5	3	FMP 201
Music AS-Level	E or better	1-5	3	MUS DEC*
Music A-Level	E or better	1-5	3	MUS DEC*
Physical Science AS-Level	E or better	1-5	3	Elective credit
Physics AS-Level	E or better	1-5	0	No credit
Physics A-Level	E or better	1-5	8	PHY 111, PHY 113, PHY 112 and PHY 114
Portuguese Language AS-Level	C or better	3-5	4	POR 101
Portuguese A-Level	C or better	3-5	8	POR 101 and POR 102
Psychology AS-Level	E or better	1-5	3	PSY 101
Psychology A-Level	E or better	1-5	6	PSY 101 and PSY DEC*
Sociology AS-Level	E or better	1-5	0	No credit
Sociology A-Level	E or better	1-5	0	No credit
Spanish First Language AS-Level	C or better	3-5	4	SPA 101
Spanish Language AS-Level	C or better	3-5	4	SPA 101
Spanish A-Level	C or better	3-5	8	SPA 101 and SPA 102
Thinking Skills AS-Level	E or better	1-5	3	Elective credit
Thinking Skills A-Level	E or better	1-5	6	Elective credit
Travel and Tourism AS-Level	E or better	1-5	3	TDM 205
Travel and Tourism A-Level	E or better	1-5	6	TDM 205 and TDM DEC*

**Credit awarded depends on the content of the course completed; students should see an advisor once admitted.

Comprehensive Examinations

A comprehensive examination is intended to permit a student to establish academic credit in a field in which the student has gained experience or competence equivalent to an established university course. Applications are given only for courses listed in the current catalog and only for courses in which a comprehensive examination can serve as a satisfactory measure of accomplishment.

A number of restrictions apply. To be eligible to apply to take a comprehensive examination to establish undergraduate course equivalence, a student must:

1. have earned not more than 60 credit hours through comprehensive, CLEP, International Baccalaureate and Advanced Placement examinations
2. have earned no credit for a duplicate course

3. have earned no credit for a course for which this course is a prerequisite

The decision on the suitability of course material for a comprehensive examination, the development of a comprehensive examination and the administration of an examination are strictly departmental functions. An application is for one course only. The student should complete an application form with the number, title and number of credit hours for the course. When completed, the application must be approved by the student's advisor and the chairperson of the department responsible for offering the course.

The student must then pay the stated fee for such examinations at cashiering services. The receipt must be taken to the departmental office.

The examination is prepared by the instructor who normally conducts the course, and it is comprehensive in nature and scope. The instructor and other experts designated by the chairperson grade the examination, using letter grades "A+", "A", "A-", "B+", "B", "B-", "C+", "C", "D" or "E". If the grade is "C" or higher, a mark of "Y" is entered on the student's permanent record; otherwise, no entry is made. Credit by examination is indicated as such on the record. The student is notified by mail of the result of the examination. In cases of failure ("D" or "E"), the student is not given an opportunity to repeat the examination.

A student pursuing a second baccalaureate degree may not receive credit by comprehensive examination, but with prior approval of the college the student may use the examination to waive a course requirement if a grade of "C" or higher is earned.

Proficiency Examinations

Proficiency examinations and auditions are given:

1. to waive a course requirement
2. to validate certain transfer credits in professional programs
3. to determine a student's ability in a field where competence is an important consideration

Detailed information may be obtained from the dean's office of the college in which the student is registered.

Source URL: https://catalog.asu.edu/credit_exam

Links
[1] https://webapp4.asu.edu/transfercreditguide/app/home
[2] https://catalog.asu.edu/credit_exam#CLEP
[3] https://catalog.asu.edu/credit_exam#AP
[4] https://catalog.asu.edu/credit_exam#DANTES
[5] https://catalog.asu.edu/credit_exam#IB
[6] https://catalog.asu.edu/credit_exam#cambridge
[7] https://catalog.asu.edu/credit_exam#COMP
[8] https://catalog.asu.edu/credit_exam#PRO
[9] https://catalog.asu.edu/test_req
[10] https://uoeee.asu.edu/exam/clep
[11] https://uoeee.asu.edu/exam/dsst

Leave of absence (undergraduate)

The Undergraduate Leave of Absence (LOA) policy assists and encourages undergraduate degree-seeking students to return and graduate after an absence due to military deployment, service on an official church mission or with a foreign aid service of the Federal government, or a permanent disability. If your absence is for any other reason, you may be eligible to return to ASU through Quick Re-entry [1], which permits undergraduate students to enroll without submitting a new application or application fee if they previously attended ASU but have not enrolled at ASU for up to seven consecutive fall or spring semesters.

Eligibility requirements

To be eligible for an Undergraduate LOA, students must be eligible to register for classes and meet the following criteria:

1. Be a degree-seeking undergraduate student.
2. Be registered during the semester immediately prior to the beginning of the LOA.
   o Students who were admitted as new first semester freshmen or transfer students but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
   o Students who were readmitted but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
   o Students who are participating in an ASU-sponsored study abroad program need not apply for an LOA.
3. Be in academic good standing, warning, probation, or continuing probation with their college.
4. Have no hold (e.g., disciplinary, financial, testing, etc.) which would restrict registration. *Note: Students with financial holds may be given consideration for an LOA if authorized by the Collections Office [2].*
5. Have submitted any outstanding high school and/or transfer transcripts, if prior admission/readmission and continued enrollment was contingent upon receipt of those transcripts.

Download the Undergraduate Leave of Absence Request [3] form.

Leave of absence FAQ's

Information for students returning from a Leave of Absence.

Q. My LOA is about to expire; what do I do now?

A. View your registration date as well as any current registration holds and "To Do" list items on My ASU [4]. Schedule an appointment with your advisor to discuss course selection. Submit transcripts for coursework you completed during your LOA.

Q. How will the university inform me regarding upcoming enrollment, deadlines and holds that may occur while on I'm on an LOA?

A. We recommend checking your My ASU [4] page often during your LOA so that you may stay informed about registration dates, financial aid and tuition deadlines and advising holds that may occur prior to the end of your leave.

Q. If I qualify for an LOA, does this defer my scholarship?

A. No. In order to request a deferment of your scholarship, you will need to complete the Scholarship Deferment Application [5] found on the Scholarship website. To have your scholarship reinstated after the deferment period, you will need to complete the Scholarship Reinstatement Request [6] form.

Q. Can I come back earlier than what my original LOA was processed for?

A. Yes. If you wish to return to ASU prior to the end of your scheduled leave you will need to contact University Registrar Services at 480-965-3124 so that your return may be updated immediately to maximize enrollment opportunities and meet any college, financial aid, etc. deadlines.

Q. Can I request an extension of my LOA?

A. Yes. If you are unable to return to ASU by the term you initially identified, then you may request an extension through the college of your major. To extend your LOA, please complete the LOA form [7] and submit to your college for approval.

Q. Am I able to view my unofficial transcripts?

A. Yes. Student can view their unofficial transcripts through their My ASU [4] page.

Q. Will my loans be deferred while on an LOA?

A. No. In order to defer loans, students must be currently enrolled. While the LOA keeps student records up to date, it does not allow for deferment. Please contact your lender for more information.

Q. Can I attend another institution while on an LOA?

A. Yes. Once all coursework is complete and graded, please request official transcripts to be sent directly from the transfer institution to ASU at the following address:

Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Registration and Tuition Payment Guide [8]
Enrollment Request Forms [9]
Contact University Registrar Services [10]

Source URL: https://students.asu.edu/leave-absence

Links:
[1] https://admission.asu.edu/undergrad/readmission
[2] https://students.asu.edu/tuitionandbillingcontact
[3] https://students.asu.edu/sites/default/files/undergraduate_leave_of_absence_request_2.11.2020.pdf
[4] http://my.asu.edu/
[5] https://students.asu.edu/forms/scholarship-deferment-application
[6] https://students.asu.edu/forms/scholarship-reinstatement
[7] https://students.asu.edu/forms/leave-absence-undergraduate
[8] https://students.asu.edu/registration-and-tuition-payment-guide
[9] https://students.asu.edu/forms/registration
[10] https://students.asu.edu/contact/office-university-registrar

Minors and undergraduate certificates

Minors and certificates are available to currently enrolled undergraduate students in a variety of academic disciplines. Students can explore Degree Search [1] for more information on and enrollment requirements for available minors and certificates, as well as request to add one to their program of study.

Minors

A minor is an approved, coherent concentration of academic study in a single discipline, involving substantially fewer hours of credit than a corresponding major. Most ASU colleges offer undergraduate minors in addition to majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added.

Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

A student pursuing a second baccalaureate degree in the same discipline as a minor previously conferred by ASU will have that minor removed from the original academic record upon completion of the second degree.

Undergraduate certificates

With the exception of special programs, undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding a baccalaureate degree may pursue an undergraduate certificate as a non degree-seeking graduate student.

The Pathways for the Future [2] program offers upskilling options through select ASU certificate programs for professionals without a bachelor's degree.

Source URL: https://catalog.asu.edu/minors

Links:
[1] https://webapp4.asu.edu/programs/t5/minorscertificates/undergrad/true
[2] https://pff.asu.edu/

Placement and testing requirements

English placement

All students must meet the university First-Year Composition requirement through completion of both ENG 101 and ENG 102 or ENG 105 with a grade of "C" (2.00) or higher. All incoming students will be placed in ENG 101 or appropriate first-year composition course based on submission of test scores, exam scores or transfer credit.

Math placement

ASU requires all incoming first-year students to complete the ASU mathematics placement test [1] for mathematics prior to orientation in order to determine the appropriate math course for enrollment.

Source URL: https://catalog.asu.edu/test_req

Retention and academic standards

Class standing

A student's class standing is determined by the number of credit hours earned, as shown in the table below.

Student	Credit hours earned
Freshman	24 or fewer credit hours earned
Sophomore	25 to 55 credit hours earned
Junior	56 to 86 credit hours earned
Senior	87 or more credit hours earned
Graduate	bachelor's degree from accredited institution

Academic good standing

For the purpose of retention, university academic good standing [1] for degree-seeking students is defined as maintaining a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year, beginning in fall 2013.

An ASU student who does not achieve the minimum GPA standard at the completion of the first term of study will receive an academic warning [2]. If after one term with an academic warning a student still does not achieve the minimum GPA standard, the student will be placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning or on academic probation is considered in conditional good standing and is permitted to enroll.

Whether a student's has received an academic warning or is on probation, the student must meet with an academic success advisor to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing. At the discretion of the student's college or school, that plan may require successful completion of UNI 220 Academic Refresher.

Dean's list

Undergraduate students are eligible for the Dean's List if they earn 12 or more graded credit hours ("A+", "A", "A-", "B+", "B", "B-", "C+", "C", "D" or "E") during a semester in residence at ASU with a GPA of 3.50 or higher. A notation regarding Dean's List achievement appears on the unofficial transcript. The Dean's List is generated at the completion of the fall and spring semesters.

Satisfactory academic progress

The university is required to publish and enforce standards of satisfactory academic progress for certain students (e.g., student athletes, students receiving financial aid and students receiving veterans benefits).

Certification of satisfactory progress for student athletes is verified by the academic advisor and the dean's designee for certifying satisfactory progress. Certification of satisfactory progress [3] for students receiving financial aid or veterans benefits is verified by the Financial Aid and Scholarship Services office or the Office for Veteran and Military Academic Engagement, respectively. Students should contact their advisors or the appropriate office for additional information on satisfactory progress requirements.

Probation

A student's college assumes responsibility for enforcing academic standards and may place on university academic probation [4] any student who has failed to maintain good standing as previously defined. For purposes of probation and retention, an individual college may set higher GPA standards. A student on academic probation is required to observe any rules or limitations the college may impose as a condition for retention, including college-established policies regarding continuing probation.

Co-enrolled continuing probation program

Select disqualified students may participate in the co-enrolled continuing probation program at the discretion of their college or school. Under this program, the student takes UNI 220 Academic Refresher plus one ASU course selected by the student's advisor. The student co-enrolls at a Maricopa County Community College with a schedule selected in consultation with the ASU advisor. Upon completion of the term, students with a combined semester cumulative GPA of 2.50 may continue regular enrollment at ASU. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Disqualification

A student who is placed on probation at the end of a semester is subject to disqualification [5] by the college or school at the end of the following semester if the conditions imposed for retention are not met.

Disqualification is exercised at the discretion of the college or school. A student is notified of disqualification by the dean of the college and is not allowed to register in a fall or spring semester at the university. If the student has already registered for a future fall or spring semester, the registration is canceled. A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible. A disqualified student may not attend as a nondegree student. If a disqualified student elects to attend another university or two-year college, any credits earned there will not affect the ASU cumulative GPA. A course repeated elsewhere will not result in a replacement of a grade earned at ASU. Disqualified students must consult with an academic advisor to determine eligibility to attend ASU in the summer session, to raise the ASU cumulative GPA.

Select disqualified students may participate in the co-enrolled continuing probation program. Information about this is available in the Glossary of Academic Terms, at Probation [4].

Readmission

Students not eligible for quick re-entry [6] (i.e., because they have not been enrolled at ASU for seven or more semesters, completed their academic program or were academically disqualified) must apply for readmission and submit applicable fees.

Candidates for readmission who are not in academic good standing are subject to college review.

A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible.

Academic integrity

All students should be familiar with ASU's Academic Integrity Policy. More information about academic integrity at ASU is available here: https://provost.asu.edu/academic-integrity [7].

Source URL: https://catalog.asu.edu/retention_standing

Links:
[1] https://catalog.asu.edu/glossary#goodstanding
[2] https://catalog.asu.edu/glossary#warning
[3] https://catalog.asu.edu/glossary#progress
[4] https://catalog.asu.edu/glossary#probation
[5] https://catalog.asu.edu/glossary#disqualified
[6] https://catalog.asu.edu/glossary#quickreentry
[7] https://provost.asu.edu/academic-integrity

University undergraduate General Studies requirement

A baccalaureate education should prepare students for a particular profession or advanced study and for constructive and satisfying personal, social and civic lives as well. In addition to acquiring a depth of knowledge in a particular academic or professional discipline, students should also be broadly educated, including with knowledge of transdisciplinary solutions that would enable them to address interdependent economic, environmental and social challenges, and they should develop the general intellectual skills they will need to continue learning throughout their lives. Thus, the General Studies requirement complements the undergraduate major by helping students gain mastery of critical learning skills, investigate the traditional branches of knowledge, and develop the broad perspective that frees one to appreciate diversity and change across time, culture and national boundaries.

Critical learning skills include proficiency in the use of language, mathematics and quantitative methods as tools for acquiring, renewing, creating and communicating knowledge. A broad education includes an understanding of the methods and concerns of traditional branches of knowledge — the arts and humanities, the social sciences and the natural sciences. Developing perspective requires historical, global and cross-cultural examination of knowledge of all kinds.

The General Studies requirement is composed of courses in five core areas and three awareness areas. The courses are approved by the General Studies Council and are noted in the course catalog [1] for each academic term. General Studies courses are regularly reviewed and are occasionally added to and deleted from the list. Students should always consult the course catalog [1] each semester to see which courses currently meet the General Studies requirement.

A student receives the General Studies credit that a course carries during the semester in which the course is taken.

Five core areas (General Studies)

L: Literacy and critical inquiry (three credit hours)

Literacy is competence in written and oral discourse. Critical inquiry is the gathering, interpretation and evaluation of evidence. The literacy and critical inquiry requirement helps students sustain and extend their ability to reason critically and communicate clearly through language.

Students must complete three credit hours from courses designated as L. Students must have completed ENG 101, ENG 105 or ENG 107 to take an L course.

The three credit hours required to meet the General Studies L requirement are in addition to the upper-division L university graduation requirement. Students should review the university graduation requirements [2] for more information.

MA and CS: Mathematical studies (combined six credit hours)

This core area has two categories. Mathematics (MA) is the acquisition of essential skills in basic mathematics. Computer/statistics/quantitative applications (CS) applies mathematical reasoning and requires students to complete a course in either the use of statistics and quantitative analysis or the use of a computer to assist in serious analytical math work.

This requirement has two parts: At least three credit hours must be selected from courses designated MA and at least three credit hours must be selected from courses designated CS, and all students are expected to fulfill the MA requirement by the time they accumulate 30 credit hours in residence at ASU. Any student who has more than 30 hours of resident ASU credit and has not fulfilled the MA requirement must enroll in an MA course or an appropriate prerequisite and continue to do so every semester until the mathematics requirement is met. College officers may grant waivers to the immediate and continual enrollment requirement only when there are scheduling conflicts detrimental to the student's academic progress.

HU: Humanities, arts and design and SB: Social-behavioral sciences (combined 12 credit hours)

The study of the humanities and the disciplines of art and design deepen awareness of the complexities of the human condition and its diverse histories and cultures. Courses in the humanities are devoted to the productions of human thought and imagination, particularly in philosophical, historical, religious and artistic traditions. Courses with an emphasis in arts and design comprise the study of aesthetic experiences and the processes of artistic creation. They also may feature a design emphasis in which material culture is studied as a product of human thought and imagination.

The social-behavioral sciences provide scientific methods of inquiry and empirical knowledge about human behavior, within society and individually. The forms of study may be cultural, economic, geographic, historical, linguistic, political, psychological or social. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a world of diminishing economic, linguistic, military, political and social distance.

Twelve credit hours must be completed in the following two core areas: humanities, arts and design (HU) and social-behavioral sciences (SB). At least six credit hours must be taken in each of these two core areas.

The 12 credit hours required to meet the General Studies HU/SB requirement are in addition to the upper-division HU/SB university graduation requirement. Students should review the university graduation requirements [2] for more information.

SQ and SG: Natural sciences (combined eight credit hours)

The natural sciences help students appreciate the scope and limitations of science and its contributions to society. Natural science areas of study include anthropology, astronomy, biology, biochemistry, chemistry, experimental psychology, geology, microbiology, physical geography, physics and plant biology. Knowledge of the methods of scientific inquiry and mastery of basic scientific principles and concepts are stressed, specifically those that relate to matter and energy in living and nonliving systems. Firsthand exposure to scientific phenomena in the laboratory is important for developing and understanding the concepts, principles and vocabulary of science.

General Studies courses that satisfy the natural science requirement are given one of two classifications: quantitative (SQ) and general (SG).

- quantitative (SQ): These laboratory courses include a substantial introduction to the fundamental behavior of matter and energy in physical and biological systems.
- general (SG): These laboratory courses cover aspects of scientific inquiry that lend themselves to more qualitative or descriptive discussions of science.

Eight credit hours of courses designated SQ or SG must be selected. Of these, at least four credit hours must be taken from the SQ category.

Three awareness areas (General Studies)

Students must complete courses that satisfy three awareness areas. Courses that are listed for a core area and one or more awareness areas may satisfy requirements concurrently, up to a maximum of two of the awareness areas listed for that course. These awareness areas promote appreciation of cultural diversity within the contemporary U.S., the development of an international perspective and an understanding of current human events through study of the past.

1. Cultural diversity in the United States (C)

The objective of the cultural diversity (C) requirement is to promote awareness and appreciation of cultural diversity within the contemporary U.S. This is accomplished through the study of the cultural, social or scientific contributions of women and minority groups, examination of their experiences in the U.S., or exploration of successful or unsuccessful interactions between and among cultural groups. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present and future and also help students achieve greater mutual understanding and respect.

2. Global awareness (G)

The objective of the global awareness (G) requirement is to help students recognize the need for an understanding of the values, elements and social processes of cultures other than those of the U.S. The global awareness area includes courses that recognize other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

3. Historical awareness (H)

The objective of the historical awareness (H) requirement is to help students develop knowledge of the past, which can be useful in shaping the present and future. History is present in languages, art, music, literature, philosophy, religion and the natural sciences as well as in the social science traditionally called history.

Meeting the General Studies requirement

All students enrolled in a baccalaureate degree program must complete successfully a minimum of 29 credit hours of approved General Studies courses. Many General Studies courses are approved as satisfying more than one requirement. The following conditions govern the application of courses toward the General Studies requirement:

- A single course may be used to satisfy one core area and a maximum of two awareness area requirements.
- A single course may be used to satisfy a maximum of two awareness area requirements.
- A single course cannot be used to satisfy two core area requirements, even if it is approved for more than one core area.

There is no limit to the number of advanced placement or College-Level Examination Program credits that can be used to meet the General Studies requirement; students should see credit by examination [3]. However, CLEP credits do not satisfy the natural sciences (SQ and SG) and literacy and critical inquiry (L) portions of the General Studies requirement.

In July 2019, the Arizona Board of Regents approved Policy 2-210 General Education [4], calling for a restructuring of general education programs. Faculty at ASU are developing a thematic approach to general education. The program is organized around four key competencies, reflective of ASU:

1. **Inquiry:** The ability to critically think, analyze and evaluate data or evidence in an ethical, systematic manner to determine the strength of an argument or conclusion.
2. **Collaboration:** The ability to listen to diverse views, to empathize with others' perspectives, to seek to understand others, and to effectively disagree through civil discourse. Additionally, collaboration entails the ability to successfully communicate knowledge and points of views while respecting others.
3. **Innovation:** The ability to innovate requires convergent and divergent thinking across multiple disciplines by pushing boundaries in one's discoveries, creations, oral or written communication, philosophical thinking, or systematic inquiries.
4. **Engagement:** The ability to engage diverse people, cultivate cultural understanding, promote civil discourse, understand American institutions, build inclusive networks, and direct democratic capital in pursuit of complex goals. Engagement is the foundation for applying academic knowledge to effective leadership at a local, national and global level.

Students will take courses from a controlled and curated selection, including studies in:

- literature, fine arts and humanities
- social and behavioral sciences
- American institutions (including economic theory and U.S. history)
- natural sciences
- composition, communication and rhetoric
- mathematics and quantitative reasoning

Embedded in the core competencies of inquiry, collaboration, innovation and engagement are topics and skills related to ethics, civility, diversity and inclusion, and the challenges of sustainability.

Transfer credit

Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill ASU's lower-division General Studies and composition requirements. Certification of completed General Studies may include students' completion of a general education package (ex: AGEC, CSUGE, IGETC), an associate of arts degree, or bachelor's degree, or comparable, as documented on an official transcript. These students are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study. Additionally, students still must take six upper-division credit hours (three for L and three for SB or HU) to complete the ASU university-level graduation requirements. If students transfer from Arizona community colleges without completing the AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should see the Arizona General Education Curriculum [5] page for more information.

University requirements

In addition to the 29 credit hours of lower-division general education coursework, university graduation requirements [2] also require students to take six additional upper-division credit hours. Three hours with a Literacy (L) designation are required to be chosen from approved upper-division courses, preferably in the major. Three hours with either a humanities, arts and design (HU) or social-behavioral sciences (SB) designation should also be chosen from approved upper-division courses, preferably in the major.

College or school and major requirements

In addition to the General Studies requirement, students also must complete college or school and major requirements. Students are encouraged to work with their academic advisors to develop a program of study that efficiently meets all graduation requirements. A well-planned program should enable a student to satisfy concurrently requirements at the university, college or school levels, and within their major.

Source URL: https://catalog.asu.edu/ug_gsr

Links:
[1] https://webapp4.asu.edu/catalog/
[2] https://catalog.asu.edu/undergraduatereq
[3] https://catalog.asu.edu/credit_exam#CLEP
[4] https://public.azregents.edu/Policy%20Manual/2-210%20General%20Education.pdf
[5] https://catalog.asu.edu/agec

University undergraduate baccalaureate graduation requirements

All students enrolled in a baccalaureate degree program must fulfill the following university requirements to graduate.

Credit requirements

A minimum of 120 credit hours is required for graduation with a baccalaureate degree; at least 45 credit hours must be in upper-division courses. Some programs may require more than 120 credit hours and 45 upper-division credit hours for graduation. Associate degrees require a minimum of 60 credit hours. Students should check the program's graduation audit and major map for graduation requirements.

No more than 60 credit hours earned in independent learning courses or earned by comprehensive examination (including Advanced Placement, College-Level Examination Program, DANTES Subject Standardized Test, Cambridge International Exam and International Baccalaureate exams) are accepted for credit toward the baccalaureate degree.

Grade point requirement

A minimum cumulative grade point average of 2.00 for all courses taken at ASU is required to graduate with a baccalaureate degree. Some programs may require a cumulative GPA higher than 2.00; students should refer to the specific program's graduation audit and major map for graduation requirements.

General Studies requirement

All students enrolled in a baccalaureate degree program must satisfy the university requirement of a minimum of 29 credit hours of approved General Studies coursework. Students should refer to the General Studies [1] page for more information.

Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill ASU's lower-division General Studies and composition requirements. Certification of completed General Studies may include students' completion of a general education package (ex: AGEC, CSUGE, IGETC), an associate of arts degree or bachelor's degree or comparable, as documented on an official transcript. If students transfer from Arizona community colleges without completing the AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should review the Arizona General Education Curriculum [2] page.

In addition to 29 credit hours of General Studies coursework, students enrolled in a baccalaureate degree program must complete an additional six upper-division credit hours, preferably chosen from within the major, comprised of three credit hours of literacy (L) and three credit hours of humanities, arts and design (HU)/social-behavioral sciences (SB).

Mathematics requirement

All undergraduate degree-seeking students are expected to fulfill the university's mathematics requirement by the time they have accumulated 30 credit hours in residence at ASU. Any student who has more than 30 credit hours and has not fulfilled the mathematics requirement must enroll in a mathematics course or an appropriate prerequisite course and continue to do so every semester until the mathematics requirement is met. A waiver may be granted for continuous enrollment if there are scheduling conflicts detrimental to the student's academic progress. Students should also see the Math Intensive Programs: Required Course Policy [3].

First-year composition requirement

Completion of both ENG 101 and ENG 102, or ENG 105 with a grade of "C" (2.00) or higher is required for graduation from ASU in any baccalaureate or associate program. A student whose native language is not English may meet the first-year composition requirement by completing ENG 107 and 108 with a grade of "C" (2.00) or higher. Students who are

required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Transfer credit

Composition courses transferred from other postsecondary institutions may require evaluation. After consultation with an advisor, if evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Guide [4]. The process should be completed upon transfer of coursework to ASU so the student is able to enroll in additional courses if required to do so. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Resident credit requirement

Resident credit refers to a course that is offered in a regular semester or summer session. Credit earned through comprehensive examinations also is included when calculating ASU resident hours. Credit earned through independent learning, Advanced Placement testing, the College-Level Examination Program or an International Baccalaureate exam are excluded when calculating ASU resident hours.

Every candidate for an undergraduate degree is required to earn a minimum of 30 credit hours in resident-credit courses at ASU.

Guidelines for determination of catalog year

The ASU Academic Catalog is published annually. Department, school, division, college and university requirements are upgraded often, and may change. In determining graduation requirements, an undergraduate student will use only one edition of the catalog but may elect to follow any subsequent catalog edition under which the student attends. Students may not use an edition of the catalog that was in effect before their high school graduation or completion of GED. Students maintaining continuous enrollment at any Arizona community college or public university may graduate according to the requirements of the catalog in effect at the time of initial enrollment following high school graduation or completion of a GED or according to the requirements of any single catalog in effect during subsequent terms of continuous enrollment. Students may maintain continuous enrollment while pursuing their degrees, whether attending a single Arizona community college or public university or transferring among public institutions in Arizona. Students transferring among Arizona public higher education institutions must meet all requirements of the degree-granting institution: admission, residency, curricular and academic.

1. A semester in which a student earns course credit is counted toward continuous enrollment. Noncredit courses, audited courses, failed courses and courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes (examples A and B in the continuous enrollment table below).
2. Students who do not meet the minimum enrollment standard stipulated above during three consecutive semesters (fall/spring/fall or spring/fall/spring) and the intervening summer term at any Arizona community college or public university are no longer considered continuously enrolled. These students must meet requirements of the Arizona community college or public university catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission (examples C and D in the continuous enrollment table below). Students are not obligated to enroll and earn course credit during summer terms, but summer enrollment may be used to maintain continuous enrollment status.
3. Students admitted or readmitted to an Arizona community college or public university during a summer term must follow the requirements of the catalog in effect for the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment (example E in the continuous enrollment table below).
4. In areas of study in which the subject matter changes rapidly, material in courses taken long before graduation may become obsolete or irrelevant.
5. Coursework that is more than eight years old is applicable to completion of degree requirements at the discretion of the department of the student's major. Departments may accept or reject such coursework or request that the student revalidate the substance of the coursework. The eight-year limit on coursework applies except when

program accreditation agencies limit the life of coursework to fewer than eight years. Departments also may require students to satisfy current major requirements rather than major requirements stated in earlier catalogs when completing earlier requirements is no longer possible or educationally sound.

6. Enrollment by Arizona community college students in nontransferable courses still constitutes enrollment for purposes of determining whether the student has been continuously enrolled. For example, if a student takes two semesters of cooperative education classes that are not transferable to the university but constitute continuous enrollment at the community college, the university should consider it continuous enrollment.

7. Exceptions made by an institution apply only to the institution that made the exception. For example, if the community college departments accepted credit that was more than eight years old, the university department to which the student transfers might not; the university department has the right and the obligation to reevaluate any credit more than eight years old.

Inquiries about these guidelines may be directed to the student's academic advisor.

Continuous enrollment		
Student's activity	**Semester/year**	**Status**
Example A		
Admitted and earned course credit at an Arizona community college	Fall 2019	Active
Continued at an Arizona community college	Spring 2020 Fall 2020	Active
Transferred to an Arizona university	Spring 2021	Student enrolled under 2019–2020 or any subsequent catalog
Example B		
Admitted and earned course credit at an Arizona community college	Fall 2015	Active
Enrolled but earned all "W"s or "E"s (0.00)	Spring 2016	Inactive
Enrolled in audit courses only	Fall 2016	Inactive
Nonattendance	Spring 2017	Inactive
Transferred to an Arizona university	Fall 2018	Student enrolled under 2018–2019 or any subsequent catalog
Example C		
Admitted and earned course credit at an Arizona community college	Fall 2018	Active
Nonattendance	Spring 2019 Fall 2019 Spring 2020	Inactive
Readmitted and earned course credit at an Arizona community college	Fall 2020	Active
Transferred to an Arizona university	Spring 2021	Student enrolled under 2020–2021 or any subsequent catalog

Example D		
Admitted and earned course credit at an Arizona community college	Fall 2018	Active
Nonattendance	Spring 2019	Inactive
Readmitted and earned course credit at an Arizona community college	Summer 2019	Active
Nonattendance	Fall 2019 Spring 2020	Inactive
Transferred to an Arizona university	Fall 2020	Student enrolled under 2018–2019 or any subsequent catalog
Example E		
Admitted and earned course credit at an Arizona community college	Summer 2017	Active
Continued at an Arizona community college	Fall 2018 Spring 2019	Active
Nonattendance	Fall 2019	Inactive
Readmitted and earned course credit at an Arizona community college	Spring 2020	Active
Transferred to an Arizona university	Summer 2020	Student enrolled under 2017–2018 or any subsequent catalog
Example F		
Admitted and earned course credit at an Arizona university	Summer 2018	Active
Nonattendance	Fall 2018	Inactive
Nonattendance	Spring 2019	Inactive
Readmitted and earned course credit at an Arizona university	Fall 2019	Active
Continued at an Arizona community college	Spring 2020	Student enrolled under 2018–2019 or any subsequent catalog

Application for graduation

For information on how to apply for graduation and deadline dates, students should visit https://students.asu.edu/graduation [5].

Petition for variance from degree

Any student wishing to have a college or university degree requirement variance must petition the standards committee of the college in which the student is enrolled. All petitions must originate with the student's advisor.

The University Undergraduate Standards Committee advises the Office of the University Provost regarding undergraduate student petitions that concern university-wide academic requirements. These requirements include: requirements on the amount of transfer credit, graduation requirements, limits on credit by examination, and requirements for a second baccalaureate degree. To petition for a variance from such university requirements, the University Undergraduate Standards Committee petition [6] is used. Most petitions heard by the University Undergraduate Standards Committee start at the college level and are forwarded for final review and decision to the university-level committee.

Overview of graduation requirements

At ASU, students take classes that fulfill four types of requirements. As illustrated in the graduation requirements diagram below, some courses can fulfill two or more types of requirements but other courses fulfill only one requirement. The total credit hours needed to graduate are represented by the largest circle. The university minimum is 120 credit hours. Some majors, however, require more than 120 credit hours.

Although the three shaded circles in the illustration below are equal in size and the white circle is larger than all three, the total number of credit hours for each type of requirement may vary.
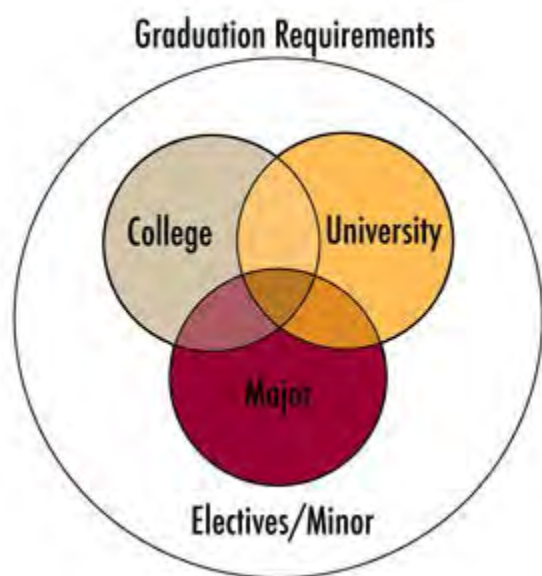
University requirements

The yellow circle represents university requirements. The General Studies requirement and first-year composition requirement are among these requirements.

College requirements

The gray circle represents college requirements. Some colleges and schools such as The College of Liberal Arts and Science have additional requirements.

Major requirements

The red circle represents the requirements of the major. The credit hours required for a major may be as low as 30 credit hours or as high as 65 hours.

Electives/minor/certificate

The white circle represents electives and the requirements of a minor or certificate. A minor typically adds an additional 15 to 25 credit hours of coursework. Although every student eventually must declare a major, minors and certificates are not required. Some courses, while providing credit hours toward graduation, fall outside the shaded circles and are not required in a program for graduation. These courses are electives. Some majors leave no room for electives within the minimum 120 credit hours required to graduate.

Other requirements

The separate units of ASU — such as colleges, schools and departments — have specific requirements for graduation that must be satisfied for a baccalaureate degree. Students are encouraged to consult with an academic advisor in planning a program to ensure it meets the various requirements. A well-planned program may enable a student to concurrently satisfy a portion of the General Studies requirement together with a portion of a college or major requirement.

Graduation with academic recognition

An undergraduate student must have completed at least 56 hours of resident credit at ASU to qualify for graduation with academic recognition for a baccalaureate degree.

The cumulative GPA determines the designation, as shown in the academic recognition table below.

Academic recognition	
Cumulative GPA	**Designation**
3.40–3.59	cum laude
3.60–3.79	magna cum laude
3.80–4.00	summa cum laude

The cumulative GPA for these designations is based on ASU resident coursework only. All designations of graduation with academic recognition are indicated on the diploma and the ASU transcript. Graduation with academic recognition applies only to undergraduate degrees.

A student who has a baccalaureate degree from ASU and is pursuing a second baccalaureate degree at ASU (with a minimum of 30 hours of resident credit) is granted academic recognition on the second degree based on the credit hours earned subsequent to the posting of the first degree. If fewer than 56 credit hours are completed at ASU subsequent to completion of the first ASU degree, the level of academic recognition can be no higher than that obtained on the first degree. If 56 or more credit hours are completed at ASU after completion of the first ASU degree, the level of academic recognition is based on the GPA earned for the second ASU degree. Inquiries about graduation with academic recognition may be directed to University Registrar Services [7].

Additional degrees

Second baccalaureate degree

The student seeking a second baccalaureate degree must meet admission criteria for that degree. After conferral of the first degree, a minimum of 30 credit hours in resident credit courses at ASU must be successfully completed to earn the second baccalaureate degree. The student must meet all degree and university requirements of the second degree.

Admission to a specific second baccalaureate degree program may be deemed inappropriate based on the discipline or degree type of the original baccalaureate degree, regardless of whether that degree was earned at ASU or another institution (e.g., admission to a BS in psychology after earning a BA in psychology).

A student pursuing a second baccalaureate degree in the same discipline as a minor previously conferred by ASU will have the minor removed from the original academic record upon completion of the second degree.

Students who wish to use courses taken while in graduate nondegree status toward a second bachelor's degree may have up to 15 credit hours applied toward this degree.

Concurrent degrees

More than one baccalaureate degree may be pursued concurrently if prior approval is given by the standards committees of the colleges or schools offering the degrees. Students may receive concurrent degrees if they meet the minimum requirements for both degrees. Specific combinations of degree may be deemed inappropriate due to high curricular overlap.

For additional information, students are asked to review the glossary description [8].

eAdvisor and critical requirements

eAdvisor [9] ensures that students get off to a good start and stay on track toward graduation by helping them find a major that fits their talents and career goals and then monitors progress. Students use eAdvisor to do the following:
1. Learn more about graduation requirements for their major.
2. Discern the critical courses and grades that are required to stay on track to successfully complete their degree.
3. Plan for and schedule appropriate courses in the correct sequence to maximize success.
4. Monitor progress toward their degree.
5. Find out how courses may fit into other majors if they decide to change majors.

Through eAdvisor, students follow a major map that outlines the critical requirements and optimal eight-semester plan. If students do not meet the critical requirements, an advising hold may be placed on the students' records, and an advising session is required before future registration activities can take place. When students do not meet the critical requirements for two consecutive semesters, they are considered off track and may be advised to change majors.

Critical requirements are identified by the faculty and academic units as predictors of success in a major. To ensure students are able to enroll in critical courses, ASU academic units coordinate to offer sufficient seats to meet demand. Specific class schedules (days and times) are not guaranteed.

Math-intensive programs: required course policy

ASU undergraduate degree programs are categorized in the area of math intensity [10] as either general, moderate or substantial based on the number and type of required math courses. Students enrolled in a degree program categorized as substantial in math intensity who receive a failing grade of "E" twice in the same required math course may be required to change their major to a major categorized as general or moderate. This policy is applicable even if the required math course is not marked as critical through the eAdvisor tracking tool.

Disestablished programs

A disestablished program is a major, minor or certificate which the institution has chosen to discontinue. Upon the effective term and year of disestablishment, ASU may choose to stop admitting new students into the program. This includes current ASU students seeking to change into the disestablished major, to add the disestablished major as a concurrent degree, or to add the disestablished minor or certificate. Active students in a disestablished program have a period of four academic years to complete the program requirements. This includes active, not enrolled students typically eligible for Quick Re-entry. Students choosing Quick Re-entry to the institution after a period of non-enrollment cannot re-enroll in a disestablished program if four academic years have passed since the effective term of disestablishment.

Students who have not completed the requirements for a disestablished program four academic years after disestablishment will be changed administratively to a different major, or have the minor or certificate removed from their record.

Source URL: https://catalog.asu.edu/ug_grad_req

Links:
[1] https://catalog.asu.edu/ug_gsr
[2] https://catalog.asu.edu/agec
[3] https://catalog.asu.edu/undergraduatereq#mathintensity
[4] https://webapp4.asu.edu/transfercreditguide/app/home
[5] https://students.asu.edu/graduation
[6] https://provost.asu.edu/committees/university-undergraduate-standards-committee
[7] https://students.asu.edu/registration
[8] https://catalog.asu.edu/glossary#concurrent
[9] https://eadvisor.asu.edu/
[10] https://catalog.asu.edu/mathintensity

University associate degree graduation requirements

The AA program in military studies has been designed with and is offered in partnership with the U.S. Naval Community College. It is designed for enlisted sailors, marines and coast guards to gain a broad view of the historical and political contexts of contemporary U.S. national security and naval actions. The program draws on ASU's strengths in history, politics, global studies, interdisciplinary studies, and the causes and future of war, with the USNCC providing specific military content and expertise and ASU providing civilian framing and expertise.

All students enrolled in the Associate of Arts in military studies must fulfill the following Arizona State University requirements to graduate from ASU.

Credit requirements

A minimum of 60 credit hours is required for graduation with an associate degree. Students should check the program's graduation audit and major map for graduation requirements.

Grade point requirement

A minimum cumulative grade point average of 2.00 for all courses taken at ASU is required to graduate.

General Studies requirement

All students enrolled in an associate degree program must satisfy the university required minimum number of approved lower division General Studies courses. Students should refer to the General Studies [1] page for more information.

Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill ASU's lower-division General Studies and composition requirements. Certification of completed General Studies may include students' completion of a general education package (ex: AGEC, CSUGE, IGETC), an associate of arts degree or bachelor's degree or comparable, as documented on an official transcript. If students transfer from Arizona community colleges without completing the AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should review the Arizona General Education Curriculum [2] page.

Mathematics requirement

All associate degree-seeking students are expected to fulfill the university's mathematics requirement by the time they have accumulated 30 credit hours in residence at ASU. Any student who has more than 30 credit hours and has not fulfilled the mathematics requirement must enroll in a mathematics course or an appropriate prerequisite course and continue to do so every semester until the mathematics requirement is met. A waiver may be granted for continuous enrollment if there are scheduling conflicts detrimental to the student's academic progress.

First-year composition requirement

Completion of both ENG 101 and ENG 102, or ENG 105 with a grade of "C" (2.00) or higher is required for graduation from ASU in any associate degree program. A student whose native language is not English may meet the first-year composition requirement by completing ENG 107 and 108 with a grade of "C" (2.00) or higher. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Transfer credit

Composition courses transferred from other postsecondary institutions may require evaluation. After consultation with an advisor, if evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Guide [3]. The process should be completed upon transfer of coursework to ASU so the student is able to enroll in additional courses if required to do so. Students who are required to take first-year composition must enroll in their first required

composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Resident credit requirement

Resident credit refers to a course completed at ASU in a regular semester or summer session. Credit earned through ASU comprehensive examinations also is included when calculating ASU resident hours. Credit earned through independent learning, Advanced Placement testing, the College-Level Examination Program or an International Baccalaureate exam are excluded when calculating ASU resident hours.

Every candidate for an associate degree is required to earn a minimum of 30 credit hours in resident-credit courses at ASU.

Transfer credit

Students can review the general transfer credit requirements here [4].

Application for graduation

For information on how to apply for graduation and deadline dates, students should visit https://students.asu.edu/graduation [5].

Petition for variance from degree

Any student wishing to have a college or university degree requirement variance must petition the standards committee of the college in which the student is enrolled. All petitions must originate with the student's advisor.

The University Undergraduate Standards Committee advises the Office of the University Provost regarding undergraduate student petitions that concern university-wide academic requirements. These requirements include: requirements on the amount of transfer credit, graduation requirements and limits on credit by examination. To petition for a variance from such university requirements, the University Undergraduate Standards Committee petition [6] is used. Most petitions heard by the University Undergraduate Standards Committee start at the college level and are forwarded for final review and decision to the university-level committee.

Overview of graduation requirements

The Associate of Arts in military studies comprises four parts; the Naval Studies certificate courses, the Military Studies certificate courses, general education and university requirements. As illustrated in the graduation requirements diagram below, some courses can fulfill two or more types of requirements but other courses fulfill only one requirement. The total credit hours needed to graduate are represented by the largest circle. The university minimum is 60 credit hours for an associate degree.

Although the three shaded circles in the illustration below are equal in size and the white circle is larger than all three, the total number of credit hours for each type of requirement may vary.

Graduation Requirements
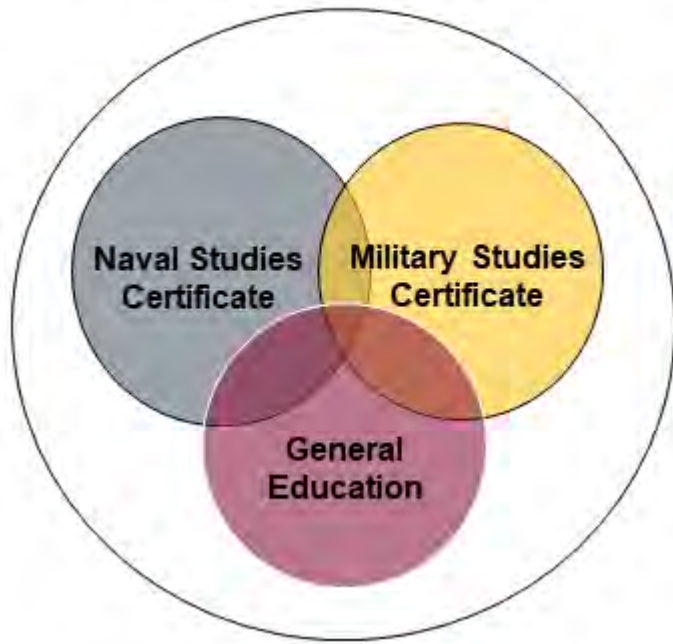
Naval Studies certificate

The gray circle represents the naval studies certificate curriculum as taught by the USNCC. These courses transfer to ASU and are applied to the associate degree curriculum as transfer credit.

Military Studies certificate

The yellow circle represents the certificate in military studies. The certificate requirements are embedded in the associate degree requirements. The certificate is conferred by ASU in addition to the associate degree at the time of completion.

General education

The red circle represents the general education requirements, comprising both major requirements and ASU General Studies requirements.

Graduation with academic recognition

Graduation with academic recognition is applicable only to bachelor's degree programs.

Minors and certificates

Students enrolled in the associate degree in military studies are not permitted to add a minor or additional certificates.

Admission to a bachelor's degree program

Students admitted to and enrolled in the associate degree program in military studies (and accompanying military studies certificate) must apply for admission [7] to ASU to pursue any other degree or credential.

Students enrolled in the associate degree in military studies are not eligible to change their major.

Additional policies

Students enrolled in this degree are held to all other ASU and College of Integrative Sciences and Arts [8] policies, including:

Academic Good Standing and Probation [9]
Grades and Grading Policies [10]
Repeating Courses [11]

Source URL: https://catalog.asu.edu/associatereq

Links:
[1] https://catalog.asu.edu/ug_gsr
[2] https://catalog.asu.edu/agec
[3] https://webapp4.asu.edu/transfercreditguide/app/home
[4] https://catalog.asu.edu/transfer
[5] https://students.asu.edu/graduation
[6] https://provost.asu.edu/committees/university-undergraduate-standards-committee
[7] https://admission.asu.edu
[8] https://catalog.asu.edu/policies/sls
[9] https://catalog.asu.edu/retention_standing
[10] https://students.asu.edu/grades
[11] https://students.asu.edu/grades#repeating

Graduate College Policy Manual

Graduate policies and procedures

ASU Graduate College
Arizona State University

Arizona State University
Graduate Policies and Procedures
for Academic Year 2022–23

Contents

The Graduate College admits students into programs leading to both professional and research-oriented advanced degrees and certificates beyond the bachelor's degree. The master's and doctoral degrees are awarded to students completing programs that culminate in research and creative endeavors. The doctoral degree is the highest university award, conferred on candidates who have proven their ability as scholars and original researchers.

Students are admitted, therefore, both to their academic programs and to the Graduate College of Arizona State University. This Policy and Procedures Manual outlines those policies and procedures that apply across the board to all graduate students who matriculate at Arizona State University, from application to graduation. Graduate College policies supersede all academic program policies, although units may impose stricter policies. The Graduate College Dean has final authority in matters of Graduate College policy and procedure.

Academic Integrity

The highest standards of academic integrity and compliance with the university's Student Code of Conduct are expected of all graduate students in academic coursework and research activities. The failure of any graduate student to uphold these standards may result in serious consequences including suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of individual colleges as well as the university.

Violations of academic integrity include, but are not limited to: cheating, fabrication of data, tampering, plagiarism, or aiding and/or facilitating such activities. At the graduate level, it is expected that students be familiar with these issues and that students assume personal responsibility in their work. Toward this end, the Graduate College makes available an online Academic Integrity Tutorial, which all newly admitted graduate students are expected to complete within their first semester of coursework. This Tutorial appears under "Priority Tasks" in their MyASU screen.

Additionally, graduate students pursuing research that is funded by external sponsors are responsible for understanding and undertaking the trainings necessary to ensure the responsible conduct of such research. It is very important that students check with their thesis/dissertation advisor well in advance of data collection to ensure compliance with university regulations, and may seek further assistance from the university's Office for Research Integrity Assurance. It is very important that students check with their thesis/dissertation advisor well in advance of data collection to ensure compliance with university regulations regarding the collection of research data. Please see the section of this guide titled "Research Involving Human and Animal Subjects."

Notice of Non-Discrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy please see asu.edu/aad/manuals.

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the Title IX Coordinator or to the U.S. Department of Education, Assistant Secretary, or both.

Contact titleixcoordinator@asu.edu or 480-965-0696 for more information. Office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report please go to asu.edu/reportit/.

Graduate College Diversity and Anti-Racism Statement

As part of the ASU community, the Graduate College upholds, values, and enacts the ASU Charter on behalf of its graduate students and postdoctoral scholars. Our commitment to just and equitable treatment starts with our policies, continues with our processes, and imbues our practices in all we do, from admissions to alumni relations.

That means treating every graduate student and postdoctoral fellow fairly and justly, adopting a holistic approach toward assessing their academic achievement and potential for contributions to their chosen field, whatever their culture or circumstance, and regardless of race, religion, gender, sexual identity and preference, disability status, or socioeconomic background.

It means supporting them, in collaboration with their academic units, along their academic and postdoctoral journeys with targeted mentoring, professional development and networking opportunities. And it means listening deeply to the voices and perspectives of graduate students and postdoctoral scholars on all matters affecting their academic and professional progress, and working together to effect change. Nurturing a culture of inclusive excellence is an ongoing endeavor, by which the actions of each contribute meaningfully to lasting equity for all.

Ensuring inclusivity and the success of those we include means we must also recognize and condemn systemic racism as a reality. We actively fight against both overt and covert racism in all our policies, practices, and initiatives across the college.

Our commitment to anti-racism manifests in our unflinching support for graduate research aimed at uncovering the roots of institutional racism and the routes it takes throughout society, as well as for programs offering just and equitable visions of justice, equity, and success within our own institution, the communities we serve, and the world at large.

We approach anti-racism as an active orientation to institutional transformation and social justice. Toward this end, over the years, the Graduate College has instituted specific actionable measures, initiatives, and impactful reforms to fight racism and racial discrimination in its multiple manifestations in our policies, processes, and practices.

The Graduate College also understands that facing and combatting racism is a lifelong endeavor. We commit to the ongoing evaluation of our progress in the battle against racism, discrimination, and other kinds of prejudice and injustice, with the objective of making our campus more inclusive, inviting, and safe for all members of our community.

Now and in the future, the Graduate College remains committed to the fight against racism. We stand in solidarity as active partners with the historically marginalized members of the communities we serve in realizing a just institution and society where everyone can live in dignity and succeed in their chosen academic and nonacademic endeavors.

Graduate Student Responsibilities

Graduate students are responsible for familiarizing themselves with all university and graduate policies and procedures. Students should also communicate directly with their academic unit to be clear on expectations for degree completion.

Communications with the Graduate College

Important information from the Graduate College is provided to students via their MyASU portal, their interactive plan of study (iPOS) and their ASU email account. Students should frequently check their MyASU account, iPOS and ASU email account for the most up-to-date information regarding their status, holds, items to attend to and other important information. All email communication to the Graduate College must come from the secure ASU email account.

Expressing Concerns and Resolving Conflicts

Occasionally, it may happen that a student will run into difficulties with a peer, faculty member, or even advisor or supervisor that seem to defy resolution. While every situation is different, we encourage the following steps for reporting issues within and beyond a program or school:

For matters related to sexual harassment, discrimination, and/or retaliation, follow the reporting procedures detailed here: provost.asu.edu/policies/procedures.

For matters that appear to be outside the scope of formal reporting to the Title IX Office or Office of University Rights and Responsibilities, but are nevertheless difficult to resolve and interfere with the student's effective academic progress, we recommend the following:

1) If possible, students should report program-specific issues to the program area head or area coordinator.

2) If this report does not resolve the issue or the student is uncomfortable speaking to the program area head or area coordinator, the student may approach the appropriate graduate administrator in their school (e.g., Director of Graduate Studies).

3) If a student feels that their concern has not been adequately heard or resolved, they may schedule a meeting with the Director of their school.

4) If a student feels that their concern has not been adequately heard or addressed after meeting with individuals in the school, they may report to the appropriate Dean's Office representative.

5) If a student is uncomfortable working through the school procedure for any reason, they may go directly to the Dean's Office representative.

Ombudspersons

Designated as impartial fact-finders who can facilitate problem-solving, ombudspersons at the university can help students who are unsure how to resolve their complaints or unsure where to go next. The list of designated ombudspersons is here: provost.asu.edu/committees/ombudspersons-committee.

Application

Submission of an Application

For general admission information and procedures, see students.asu.edu/graduate. Applications for all graduate degree programs, certificate programs and/or non-degree seeking student must be submitted via the students.asu.edu/graduate/apply portal.

Prior to applying to the Graduate College, applicants should review information regarding their specific graduate program and academic unit application requirements and deadlines. Note: Students who are returning to school after an approved Leave of Absence are not required to re-apply, so long as the following applies: they must have a Graduate College-approved Leave of Absence on file with the Graduate College prior to their semester of non-registration, and be re-entering the same graduate program for the semester immediately following the approved request.

Application Deadlines*

Application deadlines are set by the graduate programs. Consult the program website or the Graduate Degree and Certificate Search tool for specific application deadlines.

*Please note that international students wishing to attend an in-person program must apply to Sessions A or C only (Applications for Session B are not available to international students due to visa requirements).

Application Fee

Each application to an ASU graduate program must be accompanied by a non-refundable application fee, payable by credit or debit card at the time of submission. The application fee covers Graduate Admission Services' administrative costs of processing all applications and is not refundable under any circumstance.

- Domestic application fee: $70;
- International application fee: $115.

Applicants receive an email acknowledgement once the application has been successfully submitted. The acknowledgement includes an ASURITE ID and activation code so that students may follow the progress of their application through MyASU. Applicants should review MyASU to monitor their application status, "To Do" items and "Holds".

Application Requirements

Applicants must submit official transcripts from their bachelors granting post-secondary institution. Additional transcripts may be required. 1. To verify that international credentials are comparable to a U.S. bachelors. 2. If significant coursework used towards the bachelor's degree was completed at another institution. 3. If the applicant intends on transferring coursework into a graduate program. Specific program requirements see degrees.apps.asu.edu/masters-phd. General requirements see admission.asu.edu/graduate/apply.

Academic units may have admission requirements in addition to those of Graduate Admission Services. Many graduate programs require scores from a national admissions test such as the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT) or the Miller Analogies Test. Some programs require a portfolio, letters of recommendation, a statement of goals and/or a resume.

Applicants should consult the academic unit regarding program admission requirements prior to submitting an online application. Programs will submit a recommendation to the Dean of the Graduate College regarding their willingness to admit an applicant.

All documents received by Graduate Admission Services in connection with an application become property of ASU and will not be returned.

Academic Credentials

Applicants who attended school in the United States must hold a bachelor's degree or higher from a regionally accredited U.S. institution in order to be eligible for admission. Applicants are required to provide proof that a bachelor's or graduate degree was awarded before completion of their first semester of graduate studies at ASU.

Applicants who attended school outside of the U.S. must hold a bachelor's or graduate degree, or equivalent, from an institution that is officially recognized by that country. If original credentials are issued in a language other than English, applicants must provide the original language transcripts as well as an official and literal translation. Applicants who attended school outside of the U.S. are required to provide proof that a bachelor's or graduate degree was awarded before completion of their second semester of graduate studies at ASU.

Photocopied documents certified by a notary public are not official. For more information regarding official academic credentials see students.asu.edu/graduate. For additional information regarding official international academic credentials see students.asu.edu/graduate/apply.

Applicants must have maintained a minimum grade point average of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of undergraduate coursework. Provisional admission is possible to some programs for students whose GPA is below a 3.0 (see the section on Admissions).

Because ASU receives applications from many highly qualified students, some applicants may be denied admission for reasons not related to their academic performance. Examples include, but are not limited to: program capacity, mentor availability and/or program match.

ASU may make an exception to the U.S. equivalent bachelor's requirement for admission to certain preapproved programs. This exception requires specific documentation including, but not limited to: postsecondary education, significant work experience in the discipline and/or a non-U.S. equivalent degree that the college leadership and the ASU Graduate College Dean deems equivalent to the learned skills of a bachelor's in that discipline. Specific program requirements see degrees.apps.asu.edu/masters-phd.

Additional International Requirements

International Applicants

Please consult the Graduate Admission Services websites at students.asu.edu/graduate, and students.asu.edu/international/immigration for complete information.
Applicants who will hold an F-1 or J-1 visa must:

1) Meet the regulations of the U.S. Immigration and Customs Enforcement (ICE) agency.

2) Obtain insurance coverage against illness and accidents before being permitted to register for classes. Insurance must be maintained throughout the students' enrollment at the university.

3) Submit proof of English proficiency.

4) Submit additional materials as outlined on the Graduate Admission Services website at students.asu.edu/graduate/apply.

5) Verify that they have the financial resources to cover their expenses during graduate study at ASU. The Financial Guarantee form. In addition to the **Financial Guarantee** form, if ASU is providing an assistantship, an official offer letter must be sent to the

Graduate Admission Services office. Similarly, if a governmental entity is funding the student, an official letter from the government must be submitted to the Graduate Admission Services office in addition to the **Financial Guarantee** form.

The I-20 or the DS-2019 (documents needed to obtain a student visa) is issued only after the completed and properly verified **Financial Guarantee** form, proof of English proficiency and supporting documents have been received by the office of Graduate Admission Services. International students may enroll at ASU only if they have been admitted to a degree program or the post-baccalaureate teacher education program.

International students must be enrolled in a graduate degree program to enroll in an in-person certificate program.

International students may enroll in an online certificate program without enrolling in a degree program. After arrival in the U.S., students need to complete the online SEVIS check-in*.*

Applicants residing in the U.S. on a valid visa must provide proof of a current visa. Please email information to gograd@asu.edu

English Language Requirement

English proficiency is required for all students that wish to enter an ASU graduate program. There are several ways to meet the English proficiency requirement:

- TOEFL score of at least 66 (PBT) or 80 (iBT). The TOEFL is administered by TOEFL/TSE Services. ASU's institutional code is 4007. ASU accepts only electronic copies of the TOEFL score report.
- IELTS overall band score of at least 6.5. The IELTS is administered by the University of Cambridge. No institutional code is needed.
- Pearson Test of English (PTE) score of at least 60. The PTE is administered by Pearson.
- Duolingo English Test score of at least 105.

Alternatively, Global Launch provides options for satisfying the ASU English Proficiency requirement with completion of Advanced Level 2. It is recommended you check with your department first before enrolling to ensure the college which your program resides in will accept one of these options.

Graduate Options:

- English for Graduate Admissions and Achievement Online Course.
- Completion of online course with a passing score.
- English Language Program – In-person or Online.
- Complete Advanced Level 2 with passing score.

Individual academic units may have higher requirements for English proficiency.

Consult the academic unit's website. English proficiency is only valid for two years and must be taken within two years from the beginning of the semester for which the student applied. Some applicants are exempt from the English proficiency requirement. The following exceptions must be met exactly to be considered for an exemption:

- Applicants who are U.S. Citizens or U.S. Permanent Residents.
- Applicants who have earned a bachelor's degree or higher from a regionally accredited

college/university in the United States.

- Applicants who have earned the equivalent of a U.S. bachelor's degree or higher from an international institution that is officially recognized by that country, and the country is on the ASU English Speaking Country and Territory List (official transcript required).
- Applicants who have earned the equivalent of a U.S. bachelor's degree or higher from an international institution that is officially recognized by that country, and the sole medium of instruction for the program was in English (official transcript required). Student should email gograd@asu.edu to request exemption and include a letter from the institution on letterhead indicating language of instruction or provide information on the institution website to verify language of instruction.
- Applicants who have completed at least 9 semester hours of graduate coursework with a cumulative GPA of 3.0 (on a 4.0 scale) or higher at a regionally accredited college/university in the United States or from an international institution that is officially recognized in that country and is on the ASU English Speaking Country and Territory List (official transcript required).
- Applicants who have completed at least 90 semester hours of undergraduate coursework with a cumulative GPA of 3.0 (on a 4.0 scale) or higher in residence at a regionally accredited college/university in the United States (official transcript required).
- Applicants who have completed ASU Global Launch's English for Graduate Admissions and Achievement Online Course with a passing score.
- Applicants who have completed Advanced Level 2 of ASU Global Launch's English Language Program – either in-person or online with passing scores.
- Applicants who have a U.S. High School Diploma (official transcript required).
- Applicants who are citizens from a country or territory listed on the ASU English Speaking Country and Territory List.

All international applicants from countries where the native language is not English must pass an examination that certifies their skill in speaking English before applying for teaching assistantships. Please follow this link to the International Teaching Assistant website for information on how to fulfill this requirement: globallaunch.asu.edu/learn-english/other-services/international-teaching-assistant. Departmental requirements may differ so it is recommended that applicants contact their departments for specific details.

Non-Degree Seeking Applicants

Applicants who do not immediately intend to pursue a graduate degree may apply as non-degree seeking students at students.asu.edu/graduate/nondegree. The application process does not require the submission of academic credentials or test scores

Non-degree applicants must have earned a bachelor's degree or higher from a U.S. regionally accredited institution or the equivalent of a U.S. bachelor's or graduate degree from an international institution that is officially recognized by that country.

There is no limit to the total cumulative credit hours students can take as non-degree students. However, to apply the credit hours toward an ASU master's or doctoral degree, students are limited to twelve credit hours taken within three years of admission to the degree program.

Non-degree students may not be eligible to enroll in some classes. Students should check the enrollment requirements before registering and contact the academic unit offering the courses with questions regarding qualification for registration. See Non-Degree Programs in the Section "Other Graduate Educational Opportunities" for more information.

Financial aid is not available to non-degree students.

In-person non-degree study is typically not available to international students on F-1 or J-1 visas. For exceptions, prior to applying, you must obtain written approval from your Designated School Official (DSO) granting permission for you to take classes.

After Applying

Applicants receive an email acknowledgement once the application has been successfully submitted. The acknowledgement includes an ASURITE ID and activation code so that students may follow the progress of their application through MyASU. Applicants should review MyASU to monitor their application status, "To Do" items and "Holds".

Admissions

A minimum grade point average of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of undergraduate coursework is required to be considered for admission to an ASU graduate degree program.

Academic units submit recommendations regarding admission decisions to Graduate Admission Services, but only the Dean of the Graduate College can make formal offers of admission.

Applicants monitor the status of their application through MyASU. If admitted, the formal letter of admission can be downloaded from MyASU. If denied admission, letters are sent via email to the address on record.

Upon Admission

Students may apply to programs that are both campus-based immersion programs, as well as online-based digital immersion. However, students have to choose one modality to attend if admitted to both.

Admission Types

- **Regular Admission:** Applicant satisfies all requirements for admission and is academically acceptable to both the degree or certificate program and the Graduate College.

- **Provisional Admission:** Applicant does not meet minimum academic standards, but has potential for success. It allows the academic unit to assign a required minimum number of credits, GPA, and/or specific graduate courses so that the student can prove their ability to meet academic standards for the program.

- **Regular Admission with Deficiencies:** Applicant's grades and test scores are at an acceptable level but applicant does not have the academic background expected by the degree or certificate program and the university. Monitoring deficiency completion is the responsibility of the academic unit.

Admission Deferrals

Students may, with the recommendation of the degree program, defer their initial start semester and year of admission. Requests for deferrals must be submitted by the start of the term of original admission. Students who miss the deferral deadlines have the option to submit a petition for an enrollment exception for the original admit term.

International Student Admission

International students planning to attend ASU on an F-1 student visa or a J-1 exchange visitor visa must provide documentation required by the United States Citizenship and Immigration Services. Visa documents are only issued for international students enrolled in a degree program or the post baccalaureate teacher education program. There are strict regulations regarding when an I-20 or DS-2019 can be issued. Detailed information may be found at: students.asu.edu/international/immigration.

Registration and Enrollment

All students enrolled in on-campus programs are required to have proof of measles immunizations on file with Student Health prior to registration.

Graduate students register through MyASU according to their enrollment appointment. Details regarding registration and course drop/add procedures are provided in the Registration and Tuition Payment Guide.

Enrollment Verification Guidelines

The University's Registrar's Office will verify student enrollment each semester according to the general guidelines that follow.

Enrollment Verification Guidelines for Graduate Students

	Full Time*	Half Time	Less Than Half Time
Regular Semester			
Graduate	9 or more hours	5-8 hours	4 or fewer hours
Six-Week Summer Sessions			
Graduate	3 or more hours	2 hours	1 hour
Eight-Week Summer Session			
Graduate	5 or more hours	3-4 hours	2 or fewer hours

*Audited courses do not count toward full-time enrollment

International F-1 and J-1 students are required to maintain full-time enrollment status.
Any exception to full-time enrollment must be previously approved by the International Student and Scholars Center (ISSC).

Registration for Students Holding Graduate Appointments

All Graduate Teaching Assistants and Associates (TAs), and Graduate Research Assistants and Associates (RAs) must register for a minimum of six semester hours of appropriate credit during each academic term of their appointment. The six hours cannot include audit enrollment. **Academic units may have specific requirements regarding RA/TA appointments; students should consult with their degree program unit.**

TAs and RAs are treated as residents for tuition purposes.

TAs and RAs appointed for 10 hours per week (25 percent FTE) will receive a partial tuition

award (reflected as RA/TA Remission on the student account). **Student will be responsible for 50% of the Arizona base resident tuition costs.**

TAs and RAs appointed for 20 hours per week (50 percent FTE) will receive a tuition award (reflected as RA/TA Remission on your student account) for 100% of tuition charges. This appointment also provides premium coverage for ASU individual health insurance if you elect health insurance coverage.

Tuition awards do not cover program-specific tuition charges and fees.

Due to federal regulations, international students on F-1 and J-1 visas are allowed to work a maximum of 20 hours per week while school is in session (fall and spring semesters). International students are allowed to work 40 hours per week during summer sessions with academic unit approval. International students typically are not allowed to seek employment outside the university; students must consult with the International Student and Scholars Center (ISSC).

Detailed information and application procedures regarding Graduate Assistantships can be found at graduate.asu.edu/current-students/funding-opportunities/graduate-appointments-and-assistantships.

Maximum Course Load

The Graduate College does not have a maximum credit hour enrollment policy. It is expected that academic units will set course loads for their students that facilitate academic success.

Continuous Enrollment

Once admitted to a graduate degree program or graduate certificate program, students must be registered for a minimum of one graduate-level credit hour during all phases of their graduate education, including the terms in which they were admitted and graduate. This includes periods when students are engaged in research, conducting a doctoral prospectus, working on or defending theses or dissertations, taking comprehensive examinations, taking Graduate Foreign Language Examinations or in any other way utilizing university resources, facilities or faculty time.

Registration for every fall semester and spring semester is required. Summer registration is required for students taking examinations, completing culminating experiences, conducting a doctoral prospectus defense, defending theses or dissertations or graduating from the degree program. Summer registration is also required for students whose first matriculation term is the summer and for those graduating in the summer.

To maintain continuous enrollment, the credit hour(s) must satisfy one or more of the following:
- Appear on the student's Interactive Plan of Study (iPOS).
- Be research (592, 692, 792), thesis (599, 699), dissertation (799), or continuing registration (595, 695, 795).
- Be a graduate-level course.
- Be a 400-level course that is listed on an approved iPOS.
- Be a deficiency course that is listed on the student's admit letter.

Grades of "W" and/or "X" are not considered valid registration for continuous enrollment purposes. "W" grades are received when students officially withdraw from a course after the drop/add period. "X" grades are received for audit courses. All other grades, including "E," "EU" and/or "EN" are considered valid registration for continuous enrollment purposes despite

receiving no credit. "E" is a failing grade, "EU" is for failing and did not complete the course, and "EN" is for failing and never participated in the course. Undergraduate courses not included on the iPOS do not satisfy the Graduate College continuous enrollment policy.

Additionally, students completing work for a course in which they received a grade of "I" must maintain continuous enrollment as defined previously. Graduate students have one year to complete work for an incomplete grade; if the work is not complete and the grade changed within one year, the "I" grade becomes permanent and will remain on the students' transcripts. Additional information regarding incomplete grades can be found at asu.edu/aad/manuals.

Leaves of Absence

Graduate students planning to discontinue registration for a semester or more must submit a Leave of Absence request via their Interactive Plan of Study (iPOS). This request must be submitted and approved before the anticipated semester of non-registration. Students may request a maximum of two semesters of leave during their entire program. Having an approved **Leave of Absence** by the Graduate College will enable students to re-enter their program without re-applying to the university.

Students who do not register for a fall or spring semester without an approved Leave of Absence are considered withdrawn from the university under the assumption that they have decided to discontinue their program. Students removed for this reason may re-apply for admission to resume their degree program; the application will be considered along with all other new applications to the degree program.

Students with a Graduate College approved **Leave of Absence** are not required to pay tuition and/or fees, but in turn are not permitted to place any demands on university faculty or use any university resources. These resources include university libraries, laboratories, recreation facilities or faculty and staff time.

Voluntary Withdrawal from ASU

Students who wish to withdraw from their graduate degree or certificate program and the university must complete and submit a Voluntary Withdrawal form. Students must separately complete the appropriate forms with the University Registrar to withdraw from their courses. International students should contact the International Student and Scholars Center (ISSC) before submitting a **Voluntary Withdrawal** form, as it most likely will affect their visa status.

Voluntary Withdrawal for Choosing a New Program

Students who wish to discontinue a graduate program should complete and submit a Voluntary Withdrawal form. Students should not take this action until they have been admitted to the other graduate degree program.

Medical/Compassionate Withdrawal

There are appropriate circumstances when students may need to withdraw from the university (i.e., medical withdrawal, compassionate leave). The policies for such withdrawals are the same for both undergraduate and graduate students. An approved **Medical/Compassionate Complete Withdrawal** is valid towards meeting the continuous enrollment policy.

Academic Progress

Satisfactory Academic Progress

All graduate students are expected to make systematic progress toward completion of their graduate program. This progress includes satisfying the conditions listed below, and achieving the benchmarks and requirements set by the individual graduate programs as well as the Graduate College. If a student fails to satisfy the requirements of their program and/or the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to the Graduate College, at which time the Dean of the Graduate College makes the final determination.

Satisfactory academic progress includes:

1) Maintain a minimum 3.00 for all GPAs (see definitions below).
2) Satisfy all requirements of the graduate program.
3) Satisfy the maximum time limit for graduation for the student's graduate program (six years for masters and certificates, ten years for doctoral), see "Time Limit" sections.
4) Successfully pass comprehensive exams, qualifying exams, foreign language exams, and the oral defense of the proposal/prospectus for the thesis or dissertation.
5) Successfully complete the culminating experience.
6) Graduate students must **remain continuously enrolled** in their graduate program. Failing to do so without a Graduate College approved **Leave of Absence** is considered to be lack of academic progress and may result in the Graduate College withdrawing the student from their program. See full **Leave of Absence** rules above.

Grade Point Averages

Graduate students must maintain a minimum 3.00 (scale is 4.00 = "A") grade point average (GPA) to maintain satisfactory academic progress and to graduate. The minimum 3.00 GPA must be maintained on all GPA's (Plan of Study (iPOS) GPA, Overall Graduate GPA and Cumulative GPA).

1) The iPOS GPA is calculated on all courses that appear on the student's approved iPOS.
2) Cumulative GPA represents all courses completed at ASU during each graduate career. Students completing one graduate program and beginning another (including certificates) will have their cumulative GPA "reset" to begin again.
3) The Overall Graduate GPA is based on all courses numbered 500 or higher that appear on the transcript after admission to a graduate program (or graduate non-degree). This includes shared 500-level coursework taken as part of an approved accelerated bachelor's/master's program.

Transfer credits and some courses taken in the Sandra Day O'Connor College of Law are not calculated on in the iPOS GPA or the Graduate GPA.

Courses lower than a "C" cannot appear on the iPOS but will be included when calculating the Graduate GPA. Courses with an "I" grade cannot appear on the iPOS.

Academic Dismissal by the Graduate College

Students who do not comply with Graduate College policies for continuous enrollment and satisfactory academic progress may be withdrawn from their graduate program after review by the Dean of the Graduate College.

In addition, academic units may recommend withdrawal of students from graduate programs for lack of compliance with published departmental policies or lack of satisfactory academic progress. All such recommendations must be submitted to the Graduate College with

appropriate documentation (e.g., nature of issue, communications with student). Students may appeal such recommendations at the level of their program, department, and/or college level. When they come to the Graduate College, they will be reviewed for procedural due diligence only. If the Dean of the Graduate College (or the Dean's designee) concurs with the recommendation, the student will receive the official notification of dismissal from the Graduate College. Only the Dean of the Graduate College may withdraw students from a graduate program due to lack of compliance with satisfactory academic progress policies.

Students who have been withdrawn from a graduate program due to lack of compliance with published departmental or Graduate College policies, or lack of satisfactory academic progress are eligible to apply for admission to the same program only after one year has passed from the term of the withdrawal.

It is important to note that program dismissal is **not** an option for students who have been found in serious violation of ASU's Academic Integrity policies by their unit; they must be recommended either for suspension (for a specified period of time) or expulsion (with no expectation of readmission) to the Provost's office, which has the ultimate authority in matters of suspension and expulsion. Students are afforded a final appeal at the university level in such cases. For further information on policy and procedures, consult the Academic Integrity Student Policy.

Graduate Program Requirements

Determination of Academic Requirements

The requirements and policies that students must follow are based on the catalog and manuals for the semester and year of their admission to a graduate program. Students who fail to maintain continuous enrollment and are re-admitted to the graduate program, graduate under the requirements and policies in effect at the time of the new admission date. All programs are required to have program handbooks specifying all program requirements and to make them available to students at the beginning of their degree programs.

Master's Degree Programs

A minimum of 30 credit hours of graduate-level coursework including a culminating experience is required for a master's degree, although individual programs may have higher requirements. The culminating experience may be a written comprehensive examination, a capstone course, an applied project, a written portfolio, a thesis or equivalent.

Students who have a capstone or applied project course requirement must receive a grade of "B" or better. Students who fail to achieve a final grade of "B" or better must retake the course and earn a "B" or better to complete the program.

Doctoral Degree Programs

A minimum of 60 credit hours of graduate-level coursework are required for a professional doctorate degree. A minimum of 84 credit hours of graduate-level coursework and a written comprehensive examination are required for a PhD degree, although individual programs may have higher requirements. Additionally, the Foreign Language Examination, oral comprehensive examination and/or dissertation or equivalent may be required. A written comprehensive examination and prospectus (research proposal) is required for all programs requiring a dissertation.

The Interactive Plan of Study (iPOS)

The Interactive Plan of Study (iPOS) functions as an agreement between the student, the academic unit and the Graduate College. The iPOS contains certain requirements such as coursework, a committee and a culminating experience which must be specified before the final plan of study can be approved. The academic unit's graduate support staff should be the primary contact for questions regarding iPOS, degree and certificate requirements. The iPOS must be approved by a student's committee, the head of the academic unit, and the Dean of the Graduate College.

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement will be monitored by your academic unit and is considered critical to satisfactory academic progress.

Coursework

Graduate-level courses are those numbered 500 or higher. All core courses required by a graduate program must be at least 500-level. A maximum of 6 credit hours of 400-level coursework can be included on an iPOS with program approval. 400-level courses taken prior to admission and 400-level courses graded as "Pass/Fail" are not acceptable. Courses with grades of "D", "E", or "W" and audited courses (graded as "X") cannot be included on an iPOS. **Courses applied to a previously awarded degree cannot be included on an iPOS unless the student is enrolled in an approved course-sharing degree program.**

Any course with a grade of Incomplete ("I") must be completed within one calendar year of the end of the scheduled course. If a regular grade is not assigned within the calendar year, the "I" becomes permanent. The student will have to re-register for the course to receive credit. For additional information regarding incomplete grades, consult the Student Services Manual.

Graduate students may register to audit one or more courses with the approval of the supervisory committee chair and the consent of the instructor involved. An audited course does not count toward the minimum number of credits required for international students with visa restrictions, students employed as TA/RAs, or students receiving financial assistance. Courses taken for audit do not satisfy the Graduate College continuous enrollment policy. Undergraduate courses not included on the iPOS do not satisfy the Graduate College continuous enrollment policy unless they are notated on the admission letter as a deficiency.

Master's degree students whose culminating experience is a thesis must include 6 (and only 6) credit hours of 599 Thesis on the iPOS. Doctoral students whose culminating experience is a dissertation must include 12 (and only 12) credit hours of 799 Dissertation on the iPOS. Thesis and Dissertation credit hours may only receive grades of "Z" (research is in progress), or "Y" (research is satisfactorily complete). PhD students may apply up to 30 credit hours, sometimes referred to as a blanket 30, of appropriate coursework from a previously awarded master's degree toward their PhD plan of study with approval of their academic unit and the Graduate College. Professional doctorates may apply either up to 15 or up to 30 credit hours of appropriate coursework from a previously awarded master's degree toward their doctoral plan of study with approval of their academic unit and the Graduate College. Students should consult their program handbook for specific rules regarding their professional doctorate.

Petitions

A formal request for an exception to any Graduate College policy requires a petition to be completed by the student, and must be approved by the committee chair and the head of the academic unit. The Graduate College office will review the petition and make a final determination. Petitions to utilize coursework older than 3 years may result in maximum time limit being adjusted. The Graduate College Dean has final authority in all matters of Graduate College policy.

Pre-Admission Credits

Credit hours completed at ASU or at another regionally accredited U.S. institution or international institution officially recognized by that country, before the semester and year of admission to an ASU graduate degree program, are considered pre-admission credits. With the approval of the academic unit and the Graduate College, students may include a maximum of 12 graduate-level credit hours with grades of "B" or better that were not used towards a previous degree. Coursework taken while completing another degree awarded at another institution cannot apply to an ASU graduate degree, except for the blanket credit hours of appropriate coursework from a previously awarded master's degree that can be used towards a doctoral degree, or unless enrolled in an approved course-sharing degree program. Pre-admission credits must have been taken within 3 years of admission to the ASU degree or certificate program to be accepted. If coursework older than 3 years from the admission term of a new program is being applied towards the program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the pre-admission coursework.

Note: All ASU credits used to earn a certificate may also be used towards a graduate degree provided they were completed within the last 3 years, and a grade of "B" or better was earned.

Accelerated Master's programs may use a maximum of 12 pre-admission credit hours which may be shared between a Bachelor's and Master's program. Students may not exceed the 12-credit hour pre-admission policy. Students in accelerated programs should contact their advisor to ensure proper sharing of credit hours. See "Accelerated Master's Programs" under "Other Graduate Educational Opportunities" for more information.

Official transcripts must be sent to Graduate Admission Services from the records office of the institution where the credits were earned.

Certain types of graduate credits cannot be transferred to ASU, including credits awarded in the following situations:

- By post-secondary institutions that lack candidate status or accreditation by a regional accrediting association, or an equivalent international institution.
- Life experience.
- Courses taken at non-collegiate institutions (e.g., government agencies, corporations, and industrial firms).
- Courses, workshops and seminars offered by other postsecondary institutions as part of continuing education programs.
- Extension courses.

Academic credits earned at institutions other than ASU that base their credit calculation on a different scale from ASU's are subject to conversion before inclusion on the iPOS. In all cases, the inclusion of transfer courses on the iPOS is subject to approval by the academic unit and the Dean of the Graduate College.

Graduate Credits Earned by ASU Undergraduate Students

ASU students enrolled in an approved Accelerated Master's degree program (formerly referred to as 4+1), may share ASU credit hours. Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours. Accelerated Master's students may earn up to a maximum of 12 graduate credit hours during their undergraduate degree to be used later towards the master's degree.

Reserved Credit - Upon approval by the unit and the Graduate College, undergraduate ASU seniors with at least a 3.0 cumulative GPA may reserve up to 12 graduate-level credit hours (6 credits of which may be 400-level), for possible use towards a future ASU graduate program. Reserved courses must have grades of "B" or better for use in a future graduate program and have been completed within 3 years. Courses must be officially reserved in the Degree Audit System (DARS) for eligibility, and may not be used towards any baccalaureate graduation requirement. Students may not exceed the 12-credit hour pre-admission policy.

An undergraduate degree and a graduate degree may not be awarded during the same term of enrollment. Students must apply, be admitted and be registered as graduate students to earn a master's or doctoral degree at ASU. See "Accelerated Master's Programs" under "Other Graduate Educational Opportunities" for more detailed information.

Sandra Day O'Connor College of Law Credit

The Graduate College accepts a numerical grade of 70 or above for courses taken in the ASU Sandra Day O'Connor College of Law as part of an approved Plan of Study. These grades are not used in the two GPAs calculated for graduation unless needed, as determined by the Graduate College. The Sandra Day O'Connor College of Law also utilizes a letter grade system for coursework; letter grades are submitted as part of an approved Plan of Study and are calculated in the GPAs.

Repeating ASU Courses

Graduate students (degree or non-degree) may retake any course at ASU; however, all grades are part of the students' permanent academic record, remain on the transcript and are used in all GPA calculations.

Graduate Foreign Language Examination (FLE)

Graduate programs may require at least a reading level proficiency of a foreign language relevant to the area of study. Students who are required to demonstrate proficiency in a foreign language must pass the Graduate Foreign Language Examination specific to their particular graduate program. Students must be enrolled for a minimum of one credit hour during the term in which they take the examination.

Students must successfully complete the Foreign Language Examination before taking any required comprehensive examinations or scheduling the final oral defense of the thesis or dissertation. Students may submit a petition to the Graduate College for a re-examination but must pass the examination in no more than three attempts.

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Master's Degree

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Master's Degree Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement will be monitored by your academic unit and is considered critical to satisfactory academic progress. Students are not eligible to schedule a comprehensive examination or defense without an approved iPOS.

Master's Degree Minimum Credit Hours

A minimum of 30 credit hours of graduate work is required for a master's degree at ASU. If a thesis is required, 6 (and only 6) of the minimum required credit hours on an iPOS must be 599

Thesis credits. Interactive Plans of Study submitted for master's degrees that do not have a thesis requirement cannot include 599 Thesis credits. If an applied project is required, the Applied Project course (XXX 593) must be included on the iPOS and requires a grade of "B" or better.

Master's Degree Maximum Time Limit

All work toward a master's degree must be completed within six consecutive years. The six years begin with the semester and year of admission to the program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program. If coursework completed over 3 years ago is being applied towards a degree program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the pre-admission coursework.

Master's Degree Supervisory Committee

A master's supervisory committee must be appointed before the student may apply for the comprehensive examination or before the student can register for 599 Thesis credits (if applicable). The committee is appointed by the Dean of the Graduate College upon the recommendation of the head of the academic unit. For programs requiring a thesis or written examination, the supervisory committee comprises a minimum of three members, including a chair or two co-chairs. At a minimum, the Chair or Co-Chair of the committee is required to be ASU faculty or an approved faculty affiliate.

Tenured/tenure-track faculty may serve as members of a master's graduate supervisory committee, chair or co-chair. The chair of the committee is typically from the student's degree program and should be carefully selected by the students to guide their work.

Master's Thesis/Thesis Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to scheduling a defense. See the Supervisory Committee section and the Thesis/Dissertation section below for more information.

Other Master's Culminating Experiences

A written comprehensive examination, capstone course, applied project or written portfolio is required as a culminating experience in master's programs that do not have a thesis requirement. The Graduate College office requires a written component to the comprehensive examination; academic units may also require an oral component. Students must have an approved iPOS prior to scheduling their comprehensive examination and/or registering for their applied project or capstone course. An applied project requires registration in the Applied Projects course (XXX 593) and requires a grade of "B" or better. A capstone course requires a grade of "B" or better.

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") in the semester of the culminating experience.

Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they complete their culminating experience.

Master's Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to taking master's comprehensive examinations. Foreign language requirements, if applicable, must be fulfilled before taking the comprehensive examinations.

Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they take their comprehensive examinations. If the date of defense falls between semesters, the student is required to register for the next available semester.

The master's comprehensive examination must have a written component; however, individual master's degree programs may require an additional oral component of the comprehensive exam for all of their students based on the academic progress policy of the program.

Students must schedule the comprehensive examination with their academic unit. All comprehensive examination results must be reported to the Graduate College office via the students' iPOS immediately upon completion.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a re-examination. **Only one re-examination is permitted.** A petition with substantial justification for re-examination, endorsed by the members of the students' supervisory committee and the head of the academic unit, must be approved by the Dean of the Graduate College before students can take the examination a second time.

Re-examination may be administered on a timeline recommended by the committee chair, which should be no later than one year from the date of the original examination. The Graduate College office may withdraw students from the degree program if the students' petition for re-examination is not approved, or if the students fail to successfully pass the retake of the comprehensive examination(s).

Students choosing to appeal the results of their comprehensive examinations must follow the grade appeals process outlined by their academic unit.

Students who have received a final result of failure in the comprehensive examination will be recommended for dismissal by the Academic Unit.

Doctor of Philosophy Degree

Doctor of Philosophy (PhD) Degree Interactive Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement will be monitored by your academic unit and is considered critical to satisfactory academic progress.

Students are not eligible to apply for the Foreign Language Examination (if applicable), comprehensive examinations, dissertation proposal/prospectus or dissertation defense (if applicable) without an approved iPOS.

PhD Degree Minimum Credit Hours

A minimum of 84 credit hours of graduate work is required for a PhD degree at ASU. If a dissertation is required, 12 (and only 12) of the minimum required credit hours on the iPOS must be 799 Dissertation credits. Interactive Plans of Study submitted for PhD degrees that do

not have a dissertation requirement cannot include 799 Dissertation credits. Students may apply up to 30 credit hours from a previously awarded master's degree toward their PhD iPOS with approval of the program and supervisory committee and the Dean of the Graduate College. The credit hours must be from a regionally accredited or internationally recognized institution.

PhD Degree Maximum Time Limit

PhD students must complete all program requirements within a ten-year period. The ten-year period begins with the semester and year of admission to the PhD program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program (previously awarded master's degrees used on the Interactive Plan of Study are exempt). If older coursework is being applied towards a degree program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the pre-admission coursework.

Any exception to the time limit policy must be approved by the supervisory committee, the head of the academic unit and the Dean of the Graduate College. The Graduate College may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

The Supervisory Committee

Students are guided by faculty mentors who advise them through their degree program. Students should identify their advisors early in their graduate career and look to them for guidance in their graduate work. Once students have selected a supervisory committee, the head of the academic unit recommends the supervisory committee to the Dean of the Graduate College who reviews and appoints the committee. Graduate supervisory committees must consist of a minimum of three individuals, including a chair or two co-chairs.

PhD programs may have additional requirements for committee composition. This committee serves as the intellectual guide for students and must approve the research/scholarly focus and substance of the dissertation. The members of the dissertation committee have the necessary knowledge and skills to advise the student during the formulation of the research topic and during the completion of the research and the dissertation.

Dissertation chairs and co-chairs must be approved by the Dean of the Graduate College and each degree program maintains a list of faculty members approved by the office for the Graduate College. Most resident faculty at ASU may serve on dissertation committees with the proviso that they have appropriate expertise in the discipline. At a minimum, the Chair or Co-Chair of the committee is required to be ASU or approved ASU-affiliate faculty.

All PhD programs have a Graduate Faculty. The Graduate Faculty in a PhD program may also include highly qualified individuals from outside the university who have been approved to serve on committees. Each PhD program maintains a list of faculty members approved by the Graduate College to chair or co-chair PhD dissertations. Additional information regarding ASU Graduate Faculty can be found at graduate faculty guidelines.

Doctoral students (including PhD, DMA, DPP, DBH, DNP, DBA, AuD and EdD) are urged to communicate with their academic unit to confirm eligibility of faculty to chair doctorate committees early on in the planning of their dissertation projects.

The final committee membership must be appointed by the Dean of the Graduate College before the student may apply for comprehensive examinations, defend the dissertation prospectus, and register for 799 Dissertation course credits (if applicable).

Supervisory Committee Roles and Responsibilities

The chair or supervisor is principally responsible for directing student work and facilitating the work of the committee. Typically, this involves working with the student to develop the overall approach to and plan of work for the project, including its timeframe and budget; providing initial review and guidance for the proposal and chapter drafts; reviewing and approving all subsequent drafts; helping to reconcile the comments of committee members on those drafts; ensuring the document meets ASU format and publication standards; and facilitating the defense and final revisions, as necessary.

The other members of the committee are responsible for providing additional research guidance according to their expertise; providing detailed feedback on prospectus and thesis/dissertation drafts; working with the student and the chair to reconcile differing comments; attending the defense; and reviewing any final revisions required.

The student is responsible for coordinating prospectus and thesis/dissertation defense meeting times and places; for providing all materials requested/approved by the chair to be distributed to committee members; and for communicating with committee members about review timeframes in order to meet all Graduate College deadlines.

On the occasion that committee members must be replaced, students may do so with the approval of their chairs via an iPOS petition to the Graduate College. In instances where the chair must be replaced, or if a complete committee reconstitution must occur, students are advised to consult with the director of the graduate program and/or school leadership for assistance. The Dean would need to appoint a qualified designee to serve as a replacement for a Chair.

PhD Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to taking PhD comprehensive examinations.

When students have essentially completed the coursework on an approved iPOS, they must request permission to take the PhD comprehensive examination. The PhD comprehensive examination must have a written component; however individual PhD programs may require an additional subsequent oral component of the comprehensive exam for all of their students based on the academic progress policy of the program. These examination(s) are designed to assess students' mastery of the field of specialization.

PhD comprehensive examination(s) are administered by a committee consisting of a minimum of three members. Specific professional doctorate programs may not require a written or comprehensive exam.

Foreign language requirements, if applicable, must be satisfied before taking the comprehensive examination(s).

Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they take their comprehensive examinations. If the date of defense falls between semesters, the student is required to register for the next available semester.

Students must schedule the comprehensive examination with their academic unit. All comprehensive examination results must be reported to the Graduate College office via the students' iPOS immediately upon completion.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a re-examination. **Only one re-examination is permitted.** A petition with substantial justification for re-examination, endorsed by the members of the students' supervisory committee and the head of the academic unit, must be approved by the Dean of the Graduate College before students can take the examination a second time. Re-examination may be administered no sooner than three months and no later than one year from the date of the original examination.

Students choosing to appeal the results of their comprehensive examinations must follow the grade appeals process outlined by their academic unit.

Students who have received a final result of failure in the comprehensive examination will be recommended for dismissal by the Academic Unit.

PhD Prospectus Defense

All students in programs that require a dissertation are required to conduct a dissertation proposal/prospectus defense. Results of the defense are submitted via the student's iPOS. Failure of the proposal/prospectus oral defense is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a second proposal defense. If a second defense is approved, students must submit the new prospectus by the end of six months (beginning from the date that the first PhD dissertation proposal defense was held). If the academic unit does not grant the students permission to retake the proposal defense, or if the students fail to pass the retake of the proposal defense, the Graduate College may withdraw the students from the degree program.

Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they conduct their PhD prospectus.

PhD Candidacy

PhD students (with specific degree program exceptions approved by the Dean of the Graduate College) achieve candidacy status upon the successful completion of the comprehensive examination(s), the Foreign Language Examination (if applicable), and successfully defending the dissertation prospectus (if applicable). PhD students who have been advanced to candidacy are required to maintain continuous enrollment until all degree requirements have been completed and they have graduated.

PhD Dissertation/Dissertation Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to scheduling the defense. Also see "Thesis/Dissertation Consideration" section for more information.

Professional Doctorate Degree

Professional Doctorate Degree Interactive Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement will be monitored by your academic unit and is considered critical to satisfactory academic progress.

Students are not eligible to apply for the following, if applicable, without an approved iPOS: Foreign Language Examination, comprehensive examinations, dissertation proposal/prospectus or dissertation defense, applied project or capstone.

Professional Doctorate Degree Minimum Credit Hours

A minimum of 60 credit hours of graduate work is required for a professional doctorate degree at ASU. If a dissertation is required, 12 (and only 12) of the minimum required credit hours on the iPOS must be 799 Dissertation credits. Interactive Plans of Study submitted for professional doctorate degrees that do not have a dissertation requirement cannot include 799 Dissertation credits. With approval of the program and supervisory committee and the Dean of the Graduate College, students may apply up to 15 credit hours from a previously awarded master's degree towards the iPOS for professional doctorate programs requiring less than 84 credits. Students may apply up to 30 credit hours from a previously awarded master's degree towards the iPOS for professional doctorate programs requiring 84 credits. The credit hours must be from a regionally accredited or internationally recognized institution.

Professional Doctorate Degree Maximum Time Limit

Professional doctorate students must complete all program requirements within a ten-year period. The ten-year period begins with the semester and year of admission to the professional doctorate program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program (previously awarded master's degrees used on the Interactive Plan of Study are exempt). If older coursework is being applied towards a degree program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the preadmission coursework.

Any exception to the time limit policy must be approved by the supervisory committee, the head of the academic unit and the Dean of the Graduate College. The Graduate College may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

The Supervisory Committee

Students are guided by faculty mentors who advise them through their degree program. Students should identify their advisors early in their graduate career and look to them for guidance in their graduate work. Once students have selected a supervisory committee, the head of the academic unit recommends the supervisory committee to the Dean of the Graduate College who reviews and appoints the Committee.

ASU offers professional doctorate degrees that require a dissertation and some that do not. Professional doctorate programs that require a dissertation must follow the same committee guidelines as PhD programs. Professional doctorate programs that do not require a dissertation may have different requirements for committee composition, including the minimum number of committee members. All professional doctorate programs require an approved faculty committee.

Like PhD programs, all Chairs and co-chairs must be approved by the Dean of the Graduate College and each degree program maintains a list of faculty members approved by the office for the Graduate College. Most resident faculty at ASU may serve on committees with the proviso that they have appropriate expertise in the discipline. At a minimum, the Chair or Co-Chair of the committee is required to be ASU or approved ASU-affiliate faculty.

All doctoral-level students (including PhD, DMA, DPP, DBH, DNP, DBA, AuD and EdD) are urged to communicate with their academic unit to confirm eligibility of faculty to chair their committees early on in the planning of their culminating experience.

The final committee membership must be appointed by the Dean of the Graduate College before the student may apply for, if applicable, comprehensive examinations, dissertation proposal/prospectus or dissertation defense, or register for culminating event course credits. Standard supervisory committee roles and responsibilities apply to professional doctorate committees.

Professional Doctorate Degree Culminating Events

Professional doctorate degrees that require a dissertation follow all standard policies regarding the comprehensive exams, prospectus, defense, and dissertation. Specific professional doctorate degree programs may not require a dissertation, but may still require a written or oral comprehensive exam. For professional doctorate programs that require comprehensive exams, students must follow the same standards for comprehensive exams for PhD students.

Instead of a dissertation, some professional doctorate programs may require a culminating event of an independent applied project or a capstone course, both of which require a written component and a final grade of B or better. Specific academic programs may also require an oral presentation or poster session as a component of these culminating event options. The written component, oral presentation, and poster sessions do not follow the same requirements as outlined by the Graduate College for the standard PhD defense and format process.

All students are required to register for at least one semester hour of graduate level credit during the fall, spring or summer session in which they conduct their culminating event.

Other Graduate Educational Opportunities

Graduate Certificates

The graduate certificate is a programmatic series of linked courses. Graduate certificates facilitate professional growth for people who already hold the baccalaureate degree. For more information on current graduate certificates see the Graduate Degree and Certificate Search tool.

Certificate Admission

All applications for graduate certificate programs must be submitted through asu.edu/gradapp.

Certificate Requirements

A minimum of 15 semester hours of graduate work is required to complete a graduate certificate. No more than one-fifth (20 percent) of the minimum required credit hours for a graduate certificate may be transferred from another university. All transfer work must meet the Graduate College transfer policies. All coursework used to complete an ASU graduate certificate must be completed within a six-year time limit. Courses at a 400-level may be allowed with prior approval from the appropriate certificate program; however, a minimum of two-thirds of the courses taken to complete the certificate must be at the 500-level or above. No more than 40 percent of coursework towards the requirements of a graduate certificate can be completed prior to admission to the certificate program. Following standard pre-admission policies, all ASU credit hours earned in a certificate program may also be used towards a degree program and credits earned in a degree program may also be used towards a

certificate. Students completing two certificates may share up to 20% of the minimum required credit hours for the certificates.

Awarding of a Graduate Certificate

Students will be eligible for the official posting of the graduate certificate to their transcripts when all applicable coursework has been successfully completed and Graduate College requirements have been met (including a 3.0 minimum iPOS, Graduate and Cumulative GPA). Students must submit an approved Interactive Plan of Study, and apply for graduation in order to complete the certificate program.

Completing Degree Programs Concurrently

Students may pursue concurrent degrees, provided the degree programs are graduate level and in different academic areas, with prior written approval from the head of the academic unit for each degree program and the Graduate College. A separate online application is required for each degree program, except in the case of predefined concurrent programs. For concurrent master's programs, a maximum of 20 percent of the minimum total credit hours for the completion of both degrees may be shared. For concurrent programs that include a doctoral program, a maximum of 12 credit hours may be shared. The total number of credit hours common to both degree programs may vary from this maximum value only when the Graduate College has formally approved coordinated degree programs.

Coursework common to both programs must constitute a well-planned and meaningful part of each of the programs and may only include coursework completed after admission to both degree programs. In all cases, the guidelines below must be followed:

1) Students must maintain continuous enrollment as previously defined. Registration in both programs *may* be required each semester. Please see the academic unit for specific satisfactory academic progress and program rules. Students may request a leave of absence to maintain continuous enrollment, but a separate request must be submitted for each program. Students may not be registered for coursework for either program while on a leave of absence.
2) Graduate credit transferred from another institution may be applied toward only one of the degree programs.
3) Culminating experiences (e.g. capstone courses, theses, applied projects) and comprehensive examinations cannot be shared between concurrent programs.
4) The 15 to 30 blanket hours allowed for doctoral programs from a previously awarded master's degree may only be applied to one of the doctoral programs.
5) The maximum time limit for completing degree requirements and graduation apply to each concurrent degree individually (6 years for master's; 10 years for doctoral).

Pre-approved Concurrent Degree Programs

The Graduate College has formally approved coordinated concurrent degree programs that students can pursue. These programs have specific set shared hours approved in their proposals. Units should refer to these to review the proper shared credit hours and other applicable policies.

Non-Degree Programs

Continuous enrollment is not required for students admitted as non-degree seeking. Students should check the enrollment requirements for courses before registering and contact the academic unit offering the course regarding registration questions. Non-degree seeking students who decide to apply to a degree program may be allowed to apply up to 12 applicable

credit hours taken within three years of admission to the degree program. Students should seek advising from the intended program for applicable course options.

Master's in Passing (MIP)

Where there is an approved Master's in Passing (MIP) program in place for a doctoral degree, those doctoral students who complete the requirements of the approved MIP may be awarded the related master's degree. Students should check with their doctoral program to see if there is an approved MIP for their degree. Students with an existing master's degree with the same major are not eligible.

Students who include any blanket hours from a previously awarded master's degree on their doctoral Interactive Plan of Study are not eligible for a Master's in Passing. All coursework included in an MIP Interactive Plan of Study must have been completed after the semester and year of admission to the doctoral program.

Accelerated Master's Programs

ASU allows for the simultaneous pursuit of an undergraduate and graduate degree in certain pre-approved programs. In such cases, the program must be approved by the Dean of the Graduate College. The undergraduate students must meet the unit's criteria for approval to pursue their accelerated program and be granted consent to complete up to 12 credits of graduate coursework.

Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours. Students may not share any credit hours taken as an undergraduate student unless they are participating in an approved accelerated program pairing (Bachelor's/Master's). Students must meet minimum admissions standards to be admitted to the Master's portion of the accelerated program.

The Thesis/Dissertation

Thesis/Dissertation Research

The master's thesis and doctoral dissertation (or equivalent) must be based on original and independent research/creative activity conducted by students, under the guidance of the graduate supervisory committee. The thesis is an introduction to scholarly writing and is intended to create an understanding of theory and methods applicable to one's field. The dissertation should demonstrate the candidates' mastery of research and scholarly methodologies, theory and tools of the discipline. Both the thesis and dissertation should demonstrate the candidates' ability to address a major intellectual problem and to propose meaningful questions and hypotheses, as well as utilize the methods with which to study the proposed research question(s) and related hypotheses, and draw justifiable conclusions based on the research conducted.

The written doctoral dissertation is based on original and substantial scholarly work that constitutes a significant contribution to knowledge in the student's discipline. The dissertation research must be conducted during the time of the student's doctoral studies at ASU, under guidance of ASU Graduate Faculty and in accordance with the Graduate College policies and procedures. The composition of the dissertation is defined by the degree program with the approval of the Dean of the Graduate College.

Research Involving Human and Animal Subjects

Theses or dissertations that make use of research involving human or animal subjects must include a statement indicating that the research has been approved by the appropriate university body.

Research involving human subjects conducted under the auspices of Arizona State University is reviewed by the University Human Subjects Institutional Review Board (IRB) in compliance with federal regulations. Documents containing any data collection from human subjects require that applications be submitted to the ASU Office of Research Integrity and Assurance for approval **before** data collection or recruitment of subjects is initiated at researchintegrity.asu.edu/human-subjects.

Research involving the use of animals conducted under the auspices of Arizona State University is reviewed by the Institutional Animal Care and Use Committee (IACUC) in compliance with federal regulations. Documents containing any data collection from animal research require that applications be submitted to ASU Office of Research Integrity and Assurance for approval at researchintegrity.asu.edu/animals.

It is very important that students check with their supervisory committee or chair well in advance of data collection to ensure compliance with university regulations regarding the collection of research data. Students who are required to submit their document through Graduate College format review must attach the IRB (or IACUC) approval as an appendix to their document.

The Thesis/Dissertation Defense

Thesis and dissertation defenses are open to all members of the university community and the general public. The oral defense engages the supervisory committee and the candidate in a critical and analytical discussion of the research and findings of the study, as well as a review of the contribution of the research topic to advancing knowledge in that discipline. The presentation of a thesis or dissertation defense in an open forum fosters a broader awareness of the state of graduate research at ASU, promotes a wider scholarly dialogue among disciplines, and recognizes publicly the scholarly contributions of master's or doctoral candidates. The defense information will be published on the Graduate College Master's/Doctoral Defense Schedule website.

Scheduling and Holding the Defense

Students with a thesis or dissertation as a culminating event are required to present and defend it in a public oral examination and to the satisfaction of the supervisory committee. Students must schedule the defense in the iPOS at least 10 business days prior to the planned defense and have it approved by the program and the Graduate College. See Graduation Deadlines.

Students work with their supervisory committee and the academic unit's graduate support staff to identify a suitable date and reserve a room (for in-person defenses). Defenses that are held without being scheduled with the Graduate College are considered invalid.

Students must be registered for:
- At least one semester hour of credit that appears on the Interactive Plan of Study; OR
- At least one semester hour of appropriate graduate-level credit, for example: Research (592/792), Thesis (599/799), or Continuing Registration (595 or 795)

Students must be physically present at the oral defense of their thesis, dissertation or

equivalent document unless the student is in an online program that requires a thesis/dissertation and the defense was approved by the committee and the Graduate College. It is expected that oral defenses will be held on an ASU campus (for in-person defenses) and during regular business hours (8am-5pm AZ Mountain Standard Time) in order to facilitate student, faculty, and public accessibility. A student has the option to include a virtual link to encourage audience attendance. When there are sound educational reasons for holding a defense under different circumstances, contact the Graduate College for approval before scheduling the defense.

All members of a student's supervisory committee must attend the final oral defense of a thesis or dissertation. However, there are situations (e.g. faculty travel, faculty emergencies and/or faculty leave) that may necessitate holding a defense with one or more committee member(s) absent. The committee chair must be in attendance, but if a committee member cannot attend, a qualified substitute must be appointed to attend in their place. The substitute should be a regular faculty member within the academic unit. In these circumstances, the Graduate College must be notified with the name of the member who will be absent, the faculty member who will attend as a substitute, and the student's name and ID number. This information must be submitted **before** the defense.

Once a defense has been scheduled and approved in the iPOS, students must submit within 10 days, a complete draft copy of the thesis/dissertation to be defended by uploading the document to their Interactive Plan of Study.

Passing the Defense

At the completion of the defense, faculty will determine if the student has passed or failed the defense, or if the submitted document requires revisions. The preliminary defense results must be submitted by all committee members via the defense results tab in the iPOS within 10 days after the defense occurrence. If there are revisions required by the committee, they will need to be completed and approved by the committee before a full "Pass" can be designated in the iPOS. If the committee's requested revisions are not completed by the graduation deadlines for the semester of the defense, the student will need to maintain continuous enrollment until they are completed. If they are not successfully completed within one year of the defense, re-submission of the document and a re-defense of the thesis or dissertation may be required in order to ensure currency of the research.

Format Review

Students who are required to complete a thesis or dissertation as part of their graduate program must submit their document to the Graduate College for format review. Students must use the Format Manual to prepare their thesis/dissertation. The Format Manual is a comprehensive guide to formatting a thesis, dissertation or equivalent document and it always overrides a style guide if the two conflict. Questions regarding the *Format Manual* requirements should be directed to gradformat@asu.edu.

Use of the Graduate College's Format Wizard is required for all students going through the format process. The Format Wizard generates a template into which students can insert their document's text. It is designed to help students with the basic format requirements such as margins and spacing, and greatly improves the format review process for students.

Format revisions are typical and must be completed in a timely manner. If students are unable to complete format revisions and submit to UMI/ProQuest by the deadline for the semester in which the defense is held, they must complete the revisions, remain continuously enrolled and present the final document to UMI/ProQuest within one year of the defense. Failure to do so will require the re-submission of the document for format review and may result in re-defense of the thesis or dissertation to ensure currency of the research.

All students that have a culminating event document that requires format review are also required to complete the Design Aspirations tab within the iPOS. In addition, all PhD students are required to complete the Survey of Earned Doctorates (SED) as part of the format process.

ProQuest ETD Submission

Students are required to create a new user account specific to the submission of their document, and must use their ASU email address. ProQuest ETD requires all students to submit a PDF version of their final document. The Graduate College requires that the PDF document follow the formatting standards presented in the format manual. Students will receive final format approval only after the submitted PDF document has successfully passed a format review. Students are able to order bound copies of their document for themselves through ProQuest ETD. The final document will also appear archived in the ASU Digital Repository: https://repository.asu.edu.

Degree Conferral

Graduation

Students must apply for graduation through MyASU in accordance with the University Registrar policies. See Application for Graduation. Students must meet all University and Graduate College degree requirements prior to the conferral of their degree or awarding of their certificate, including achieving a 3.0 GPA in the graduate GPA, the iPOS GPA, and the cumulative GPA. Students must continue to be registered until all degree requirements have been met. All students seeking a degree or certificate must apply for graduation.

The graduation deadlines and procedures are set by the Graduate College and are available online at graduation deadlines. Deadline dates vary slightly depending on the calendar year, so students should check them carefully in advance of the semester they plan to defend their thesis/dissertation. It is very important that students become familiar with these deadlines so that graduation can occur during the expected term.

College policies

W. P. Carey School of Business policies

The W. P. Carey School of Business is one of the largest and highest-ranked business schools in the country, repeatedly lauded by publications like The Wall Street Journal, Financial Times, The Princeton Review and U.S. News & World Report. The school is internationally regarded for its leadership in business education, its research productivity and its distinguished faculty that includes a Nobel Prize winner. Students come from all over the world, and among them are dozens of National Merit Scholars.

The school's academic choices are as diverse as they are abundant. Undergraduates can earn a BS in one of nine business disciplines or a BA that combines core business classes with a concentration outside the Business school. Its programs of study reflect and respond to the demands of business and industry today and beyond, and the school has dedicated career placement services. The school is located in the heart of the fast-growing Phoenix metropolitan area, which provides opportunities for internships, employment and networking, and its classes are offered on ASU's Tempe, Polytechnic and West campuses as well as online.

More information is available on the W. P. Carey School of Business [1] website.

Academic integrity

Academic dishonesty

The faculty of the W. P. Carey School of Business follow the guidelines on academic dishonesty in the ASU Student Academic Integrity Policy [2].

The W. P. Carey School of Business honor code may be found online [3]. Additional resources and information may be found at the W. P. Carey Academic Integrity website [4].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [6], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [7].

Undergraduate policies

Academic standing

Probation

All business students, freshman through senior, must maintain a minimum 2.00 GPA for all courses completed at ASU in order to remain in academic good standing. If this standard is not maintained, the student is placed on university academic probation.

Students on university academic probation must see an advisor before further registration and must do one of the following:

1. raise their ASU cumulative GPA to 2.00 or more in order to return to academic good standing
2. obtain a semester GPA of 2.50 with no grade less than a "C" in order to be granted one additional semester on continued college probation, and at the end of the continued college probation must return to academic good standing with a minimum cumulative ASU GPA of 2.00 to avoid disqualification

W. P. Carey continued probation: If a student's ASU cumulative GPA is still less than 2.00 at the end of the probationary semester but the student has earned a semester GPA of 2.50 or greater with no grades less than "C", the student will be placed on CONTINUED PROBATION in the subsequent semester. The student will then have only one more semester to raise the ASU cumulative GPA to 2.00 or greater.

ASU continued probation: If a student's ASU cumulative GPA is still less than 2.00 at the end of the probationary semester but the student has earned a semester GPA of 2.00 or greater with no grades less than "C", the student will be placed on CONTINUED PROBATION with ASU but will be INELIGIBLE to remain in the W. P. Carey School of Business as a business student. The student will have to change to a major that is not offered through the Business school.

Disqualification

A student who does not meet college probation requirements is academically disqualified and is not allowed to register in a fall or spring semester at the university. If the student has already enrolled in a future fall or spring semester, the student will be dropped from those courses and the registration will be cancelled. Disqualified students may attend ASU during the summer session only immediately following the semester in which the student is disqualified.

A disqualified student must wait for one year to apply for readmission to ASU, and if the student intends to return to the W. P. Carey School of Business they may do so only after completing the following eight skill courses, or the equivalent, with a minimum GPA of 3.00 and with no grade less than "C": ACC 231/232, ACC 241/242, CIS 105, ECN 211, ECN 212, ECN 221, MAT 210 and MAT 211.

Disqualified students should contact their academic advisor immediately to determine what is needed to earn readmission to the university in the future.

Advising

W. P. Carey School of Business offers undergraduate program academic advising at the Polytechnic, Tempe and West campuses. Students may find personalized advising information and may schedule appointments in advance through Advising SOS [8].

Students are encouraged to schedule appointments each semester to ensure they are making progress toward their degrees. Advising is required for:

- newly admitted students, prior to enrollment for the first term (at orientation)
- first-year students, prior to enrollment for the second term
- seniors, upon completion of 87 or more credit hours
- any student who is off track in regard to eAdvisor tracking requirements
- any student who is on university academic probation
- disqualified students interested in attending ASU in the future

Additional information regarding academic advising is available online [9] or through the W. P. Carey School of Business undergraduate programs office at 480-965-4227.

Credit/registration

Pass/fail

Business majors may not enroll on a pass/fail basis in any course required for graduation. Pass/fail credits taken at another institution may be petitioned for use but only if the student can demonstrate proof that the pass grade was equivalent to a "C" (2.00) or higher.

Transfer credit

Credit from other institutions is accepted subject to the following guidelines:

Students planning to take their first two years of coursework at a community college or another four-year college should plan to take business and economics courses that are offered as freshman- or sophomore-level courses for transfer equivalency as supported through the Transfer Guide [10]. Frequently, these lower-division courses are numbered 100 through 299, but that can vary with each transferring institution. A maximum of 30 credit hours of business and economics courses from community colleges are accepted toward a bachelor's degree in business, and these are applied as lower-division credits.

Students may transfer up to nine credit hours of approved upper-division business coursework required for the business degree to ASU. Business courses completed at a two-year college may not be used for upper-division transfer credit in the business core or major. Such courses may be acceptable for general university credit but may not be applicable toward the degree requirements of the major. Courses taught in the upper-division business core must be completed at an accredited four-year institution. Upper-division business course transfer credits will be considered for upper-division business credit in the ASU major only when the course was taken at an AACSB International-accredited school.

Credit is granted for transferred courses deemed equivalent by the W. P. Carey School of Business to corresponding courses in the selected program of study and is subject to grade and ASU resident credit requirements. No grades less than "C" (2.00 on a 4.00 scale) transfer to ASU. To be accepted for credit as part of a degree program in business, all courses transferred from other institutions must carry prerequisites similar to those of the courses they are replacing at ASU.

Degree requirements

Critical requirements

All business students must meet the critical requirements for their majors. Students who are required to follow eAdvisor tracking requirements yet do not comply with the critical requirements are considered off track, and a hold will be placed on their records. These students must work with an advisor to have the hold removed.

Undergraduates in the W. P. Carey School of Business are expected to be strong academically, especially with regard to grades earned in business courses. Careful course planning in consultation with an academic advisor will assist students in maintaining satisfactory academic performance and progress.

Concurrent degrees

ASU students not enrolled in a W. P. Carey School of Business degree program who wish to pursue a concurrent degree with the business school:

- must be in good academic standing
- must have completed 30 credit hours of college coursework
- must meet direct admission criteria [11] for the degree program they wish to pursue

If direct admission requirements have been met, students should file a paper curriculum petition form [12] to request the concurrent degree. Students who do not meet direct admission requirements for business degree programs must complete the admission portfolio [13] and be admitted prior to filling out the curriculum petition form. Students are allowed a maximum of two concurrent degree request attempts.

Students currently enrolled in the W. P. Carey School of Business who wish to pursue concurrent degrees within the business school:

- must be in good academic standing
- must have completed 30 credit hours of college coursework with a grade of "C" (2.00) or greater, including the following skill courses or the equivalents:
  - ACC 231 Uses of Accounting Information I
  - CIS 105 Computer Applications and Information Technology
  - ECN 211 Macroeconomic Principles OR ECN 212 Microeconomic Principles
  - MAT 210 Brief Calculus
  - MAT 117 College Algebra (BA major) OR MAT 211 Math for Business Analysis (BS major)
- must have completed or currently be enrolled in the following courses or the equivalents:
  - ACC 241 Uses of Accounting Information II
  - ECN 211 Macroeconomic Principles OR ECN 212 Microeconomic Principles
  - ECN 221 Business Statistics

W. P. Carey students who meet the criteria shown above should submit a concurrent degree request [14]. Review and submission times are on the website. Business students are unable to change their major status after they are admitted to a concurrent degree program unless they submit a new concurrent degree request. The direct admission criteria only apply to a single major within the W. P. Carey School of Business; students are not able to freely change majors within their concurrent degree or dual concentration combinations. Students are allowed two concurrent degree request attempts. Current W. P. Carey students wishing to pursue a concurrent degree outside of business should submit a paper curriculum petition form [12] and receive approval from both colleges (e.g., finance and psychology).

Reinstatement/readmission

Students seeking readmission after an absence from the university should visit the undergraduate readmission [15] website for further information.

Other special requirements

Major proficiency requirements

Students must receive a grade of "C" (2.00) or higher in upper-division courses for the major. If a student receives a grade lower than "C" (2.00) in any course in the major, the course must be repeated. If a second grade lower than "C" (2.00) is received in either an upper-division course in the major already taken or in a different upper-division course in the major, the student is no longer eligible to take additional upper-division courses in that major.

Student appeal procedure on grades

W. P. Carey School of Business students follow the university policy for the student appeal procedure on grades [15].

Admission

Because of the additional requirements for the BS, students who do not meet minimum admission standards automatically will be considered for the BA in the W. P. Carey School of Business. First-year admission requirements for the Bachelor of Arts program are the same as the university's first-year admission requirements. Transfer students who want to be admitted to the Bachelor of Arts program must have a 3.00 GPA for all transfer coursework and a 3.00 GPA for all ASU coursework and must meet university transfer admission requirements.

Graduate policies

All graduate students in the W. P. Carey School of Business are required to maintain minimum cumulative, graduate and iPOS GPAs of 3.00 ("B"). Students should see individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification.

Advising

Advising of graduate students is normally handled by graduate programs' support service members. Once admitted, students meet with a program manager to prepare a plan of study. Students are encouraged to begin discussions with their program managers early in their studies so coursework can be geared toward supporting their academic progress. All students, whether in a thesis or nonthesis option, must file a plan of study.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the W. P. Carey School of Business.

Source URL: https://catalog.asu.edu/policies/business

Links:
[1] https://wpcarey.asu.edu/
[2] https://provost.asu.edu/academic-integrity
[3] https://students.wpcarey.asu.edu/resources/honor-code
[4] https://students.wpcarey.asu.edu/
[5] https://www.asu.edu/aad/manuals/acd/acd401.html
[6] mailto:titleixcoordinator@asu.edu
[7] https://www.asu.edu/reportit/
[8] https://apps.wpcarey.asu.edu/apps/advising/index.cfm
[9] https://students.wpcarey.asu.edu/degrees-and-advising/advising-overview
[10] https://webapp4.asu.edu/transfercreditguide/app/home
[11] https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/direct-admission-requirements
[12] https://students.wpcarey.asu.edu/degrees-and-advising/advising-forms-and-resources/curriculum-petition
[13] https://students.wpcarey.asu.edu/getting-started/admissions-portfolio
[14] https://apps.wpcarey.asu.edu/apps/portfolioform/index.cfm
[15] https://catalog.asu.edu/appeal

Herberger Institute for Design and the Arts policies

The college is built on a combination of disciplines unlike any other program in the nation, comprising the Schools of Art [1]; Arts, Media and Engineering [2]; Music, Dance and Theatre [3]; The Design School [4]; The Sidney Poitier New American Film School [5]; and the ASU Art Museum [6].

The institute is dedicated to the following design principles:

- **Creativity is a core 21st century competency.** Its students develop the ability to be generative and enterprising, work collaboratively within and across artistic fields, and generate nonroutine solutions to complex problems. With this broad exposure to creative thinking and problem-solving, graduates are well prepared to lead in every arena of the economy, society and culture.
- **Design and the arts are critical resources for transforming society.** Designers and artists must be embedded in their communities and dedicate their creative energy and talent to building, reimagining and sustaining the world. Design and the arts must be socially relevant and never viewed as extras or as grace notes. The Herberger Institute for Design and the Arts is committed to placing designers, artists and arts-trained graduates at the center of public life.
- **The institute is committed to enterprise and entrepreneurship.** For most college graduates today, the future of work is unpredictable, nonlinear and constantly evolving. A recent study found that 47% of current occupations will likely not exist in the next few decades. Design and the Arts faculty, students and graduates are inventing the jobs and the businesses of the future; reimagining how design, art and culture get made and distributed; and coming up with new platforms and technology for the exchange of culture and the enrichment of the human experience. The legendary author and expert on city life Jane Jacobs talks about the abundance of "squelchers" — parents, educators, managers and leaders who tend to say "no" to new ideas. At Design and the Arts, there are no squelchers. All embrace the cardinal rule of improvisation: Always say "Yes, and…"
- **Every person, regardless of social background, deserves an equal chance to help tell the stories of this nation and the world.** Creative expression defines everyone, what each aspires to, and how all hope to live together. The Herberger Institute for Design and the Arts is committed to projecting all voices — to providing an affordable education to every student who has the talent and the desire to boldly add their creative voice to the world's evolving story.
- **Effectiveness requires excellence.** The ability to solve problems, build enterprises and create compelling and socially relevant design and art requires high levels of mastery. By each being the best in their chosen fields, all can stretch themselves and their talents to make a difference in the world.

Students with questions about the Herberger Institute for Design and the Arts policies or procedures may review the Herberger Institute Student website [7], contact the Office of Student Success at 480-965-4495 to speak with advising staff, or contact the institute's dean's office at 480-965-0050.

Academic integrity

The Herberger Institute for Design and the Arts strictly adheres to the ASU Student Academic Integrity Policy. Academic honesty is expected of all students in all examinations, papers, academic transactions and records. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. Information about the academic integrity policy can be found at https://provost.asu.edu/academic-integrity [8] as well as https://students.herbergerinstitute.asu.edu/academic-advising/academic-integrity-grading-disputes [9].

Professionalism

Professionalism entails a set of skills critical for workplace and creative successes, and professional behavior creates an atmosphere promoting safe and high-quality spaces for constructive learning as well as individual and community well-being. The institute expects students to show professional behavior with clients, members of the community, and others in the university environment (e.g., classrooms, clinics, labs, studios) including members of the faculty and administration, other students and staff. Students are expected to conduct themselves in a professional manner, including arriving on time with an open attitude to learning, engaging in ethical behavior, resolving conflicts in an appropriate manner at all times, holding partnership information confidential, and using prudence in written and verbal communications.

Professionalism includes:

- self-control
- respectful communication
- following all university and studio safety protocols and behavioral expectations
- attendance and punctuality
- honesty and integrity

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [10].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [11], call 480-965-0696 for more information, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [12].

Undergraduate policies

Academic standing

University academic warning

A new incoming freshmen or transfer student with a cumulative GPA that has dropped below 2.00 at the end of the first semester (fall or spring) at ASU is placed on academic warning. All students who are placed on academic warning are encouraged to complete academic success modules online through Canvas. Students are also encouraged to meet with their academic advisor to discuss any challenges they may have experienced to develop a plan to improve their standing. If a student does not earn a cumulative GPA of a 2.00 or higher in their second semester, the student is placed on probation. On-campus students are required to enroll in UNI 220 Mindset Connections during their academic warning semester; this becomes a graduation requirement once a student's cumulative GPA falls below 2.00. If a student is not successful in this course, they must enroll in the course until it is successfully completed.

Probation

Students in any of the institute's degree programs are placed on probation when they fail to maintain a minimum cumulative GPA of 2.00. Students on probation must observe rules or limitations the institute imposes on their probation as a condition of retention. All students who are placed on probation are required to complete academic success modules online through Canvas. Students also are required to attend mandatory advising appointments in an effort to improve their academic standing. On-campus students are required to enroll in UNI 220 Mindset Connections in the semester of their probation; this becomes a graduation requirement once a student's cumulative GPA falls below 2.00. If a student is not successful in this course, they must enroll in the course until it is successfully completed.

Continuing probation

A student who is already on probation and earns a GPA of 2.00 or higher for the term but is not successful in raising their cumulative GPA above a 2.00 will be placed on continuing probation. Continuing probation is meant to acknowledge the student's academic progress while still providing academic support to help the student reach the required 2.00 GPA. Students on continuing probation must continue to attend mandatory advising appointments until the student earns a cumulative GPA of 2.00 or higher.

Disqualification

If the ASU cumulative GPA is not at 2.00 or higher and the conditions of probation have not been met after one semester on probation, the student is disqualified for a minimum of two full academic semesters. Disqualification is exercised at the discretion of the institute and becomes effective on the first day of the fall or spring semester following institute action. A disqualified student is notified by the dean's office of the institute and is not allowed to register for a fall or spring semester at the university until reinstated. Students should consult with their academic advisor to discuss this academic standing and their options for returning to ASU.

Co-enrolled continuing probation program

Select disqualified students may participate in the co-enrolled continuing probation program at the discretion of their college or school. This program allows the student the opportunity to attend ASU during the fall or spring semester part time to take UNI 220 plus one ASU course co-enrolled with at least eight credit hours at a Maricopa County Community College. The student will select these courses in consultation with their ASU academic advisor. Upon completion of the term, if the student achieves a combined semester cumulative GPA of 2.50, they may continue regular enrollment at ASU for the upcoming semester.

If the student is receiving financial aid, they need to check with the financial aid office to see how participation in this program will affect their eligibility for financial aid.

Reinstatement

A student who has been academically disqualified and seeks to return to ASU either for a fall or spring semester, at any time, and has met college admissions standards will be required to seek readmission to the university [13] and reinstatement to the institute. Applications for readmission to ASU must be made to admission services; the application for readmission will automatically generate a letter of appeal for reinstatement to the institute for consideration.

All disqualified students should contact the Herberger Office of Student Success [14] regarding procedures and guidance for reinstatement and returning to academic good standing. Disqualified students may attend summer sessions at ASU to raise their cumulative GPA. If a 2.00 or higher cumulative GPA is achieved upon completion of summer coursework, the student may petition the institute for early reinstatement. By following recommendations and meeting established standards for summer coursework or coursework completed at other institutions, the possibility of successful reinstatement is enhanced. All students who are academically disqualified should contact an institute advisor to discuss their options.

Also available in the Office of Student Success is information on the college policies and procedures for student grievances with respect to grades [15] and various petitions regarding standards and graduation requirements.

Advising

Undergraduate academic advising is handled as a centralized activity within the institute. Students are encouraged to make appointments through the Herberger Institute Office of Student Success. Appointments are recommended and should be scheduled in advance with the lead academic advisor.

There are multiple ways to schedule an advising appointment:
- online through a student's MyASU page [16]
- phone: 480-965-4495
- email: HerbergerAdvising@asu.edu [17]
- in-person: Design South (CDS), room 101 (M-F, 8 a.m-5 p.m.) or Fusion on First (FOF), Room 320 (M-F, 8 a.m.-noon; 1 p.m.-5 p.m.)

More information is available on the advising website. https://students.herbergerinstitute.asu.edu/academic-advising [14]

While the institute provides academic advising, it is ultimately each student's responsibility to fulfill academic and program requirements. Administration of program requirements is the responsibility of the head of the academic unit and the dean.

Credit/registration

Course load

First-semester freshmen and entering transfer students are not permitted to register for more than 18 credit hours in Session C or nine credit hours in Session A and nine credit hours in Session B. Continuing students who wish to register for more than 18 credit hours must meet the academic criteria for an overload petition and work with their academic advisor in the Herberger Office of Student Success. No student should assume that the petition for overload will be granted.

For summer sessions, the maximum course load is 14 credit hours, seven per six-week summer session. Overloads are rarely granted for these sessions and requests must be petitioned to the Herberger Office of Student Success.

Audit grade option

Students may choose to audit certain courses in which they attend regularly scheduled class sessions but earn no credit. Students should obtain instructor approval before registering for the courses. The option to audit is not available for all courses.

This grade option may not be changed after the drop/add period.

Pass/fail or credit/no credit

The only courses accepted toward graduation with a grade of pass/fail or credit/no credit are courses designated by the academic unit as such, or internships and field studies.

Transfer credits

While the university accepts credits transferred from other accredited institutions, transfer coursework must be equivalent in content and level of offering. Arts or design transfer credits are not applied to specific degree programs until reviewed and accepted by the appropriate academic units. The Design School and the School of Art require a review of samples of work in portfolio format from previous studio classes in order to evaluate some transfer studio credits.

Incompletes

Students are responsible for contacting their course instructors regarding the process of requesting and fulfilling requests for an incomplete. The grade of "I" (incomplete) can only be given by an instructor (and it is subject to unit director approval) when a student who is doing otherwise acceptable work is unable to complete a course (e.g., final exam or term paper) because of illness or other conditions beyond the student's control. To begin the request for a grade of incomplete, a student must obtain the official form a http://students.asu.edu/forms/incomplete-grade-request [18]. A completed form must include a justification, a listing of requirements that have not been fulfilled, and a proposed schedule of completion. The instructor will review the request and determine whether to accept or deny the request. The instructor may propose modifications when submitting a copy of the accepted request to the appropriate office.

An incomplete in any course that is a prerequisite for sequential courses automatically denies the student enrollment in subsequent courses and could result in the student being administratively dropped from a subsequent course if the student has already enrolled.

The student has a maximum of one calendar year from the date the grade of "I" is recorded to complete the course, but faculty can place lesser time limitations at their discretion. A student does not reregister or pay fees for a course for which an "I" has been received in order to complete the course. Grades of "I" for undergraduate coursework that have been on a student's record for more than one calendar year will be automatically changed to "E."

Withdrawals

University withdrawal regulations apply to all courses. In certain of the institute's degree programs, curricula are modular and sequential, and because space in these programs is limited a student is expected to progress through the curriculum with the class. In order to fully understand all potential repercussions of withdrawal from any courses, the student should discuss their plans with their academic advisor.

Degree requirements

Critical requirements

All Design and the Arts students must meet the program and critical requirements for their majors. Students who do not comply with the critical requirements are considered off track and their records will be placed on hold; students are required to meet with an institute academic advisor to have a hold removed. For more information about critical requirements, students should refer to the corresponding major map.

Concurrent degrees

A student who wishes to obtain concurrent degrees must submit a standards committee petition [19] for review by the Herberger Curriculum and Standards Committee after successfully meeting the following criteria: minimum cumulative GPA of 3.00, successful completion of six credit hours in both programs, and successful admission into both intended programs of study. A student pursuing concurrent degrees within the institute must complete 24 unique credit hours in each major.

Change of major

A current ASU student who wishes to change majors to one of the institute's degrees must have a cumulative ASU GPA of 2.50 or greater. Students wishing to enter a major that requires an audition, interview, milestone or portfolio review may be required to successfully complete this requirement before changing the major.

Reinstatement/readmission

Undergraduate degree-seeking students who previously attended ASU in the Herberger Institute for Design and the Arts but have not been enrolled at ASU for up to seven consecutive fall or spring semesters may be eligible to return through quick re-entry [20]. Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration.

Undergraduates who have been away from the university for eight or more semesters and want to return to ASU in a Herberger Institute for the Design and the Arts program are required to apply for readmission through the admission services office.

- Readmission is only considered after a student has remained out of the institute for a minimum of eight semesters.
- A student is required to supply proof he or she is now capable of successfully completing courses in the discipline by the completion of at least 12 credit hours of appropriate coursework with a GPA of 2.50 or greater.
- If the readmission request requires a change of major, then admission decisions are made by the college that offers the intended major.
- If a student seeks readmission to his or her previous Design and the Arts major and that major requires a creative review, a new review may be required.
- If readmission is approved within the institute, the student returns with continued probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with an institute advisor before enrolling in courses at ASU.

Other special requirements

Creative reviews

A creative review (audition, interview, milestone, portfolio submission) is required for entrance into many majors in the Herberger Institute for Design and the Arts. Students should visit https://herbergerinstitute.asu.edu/admissions [21] for details.

Graduate policies

Advising is handled as a decentralized activity within the institute. To offer personalized attention, each academic unit establishes its own graduate advising procedures. Students are encouraged to make appointments through the central office of their major discipline. Students should consult their academic unit's website for general information about the programs, admission and advising procedures:

- School of Art: https://art.asu.edu/ [22]; 480-965-6303
- School of Arts, Media and Engineering: https://artsmediaengineering.asu.edu/ [2]; 480-965-9438
- The Design School: https://design.asu.edu/degree-programs [23]; 480-965-3536
- School of Music, Dance and Theatre: https://musicdancetheatre.asu.edu/ [3]; 480-965-3371

Students must fulfill all requirements of their graduate program to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Herberger Institute for Design and the Arts.

Source URL: https://catalog.asu.edu/policies/design_and_arts

Links:
[1] http://art.asu.edu/
[2] https://artsmediaengineering.asu.edu/
[3] https://musicdancetheatre.asu.edu/
[4] https://design.asu.edu/
[5] https://film.asu.edu/
[6] http://asuartmuseum.asu.edu/
[7] https://students.herbergerinstitute.asu.edu/
[8] https://provost.asu.edu/academic-integrity
[9] https://students.herbergerinstitute.asu.edu/academic-advising/academic-integrity-grading-disputes
[10] https://www.asu.edu/aad/manuals/acd/acd401.html
[11] mailto:titleixcoordinator@asu.edu
[12] https://www.asu.edu/reportit/
[13] https://admission.asu.edu/undergrad/readmission
[14] https://students.herbergerinstitute.asu.edu/academic-advising
[15] https://designandarts.asu.edu/grievanceprocedure/HerbergerInstituteGrievanceProcedure.pdf
[16] https://my.asu.edu/
[17] mailto:HerbergerAdvising@asu.edu
[18] http://students.asu.edu/forms/incomplete-grade-request
[19] https://docs.google.com/forms/d/e/1FAIpQLSdDqzYK5Gq8ng9xtjw1wav_l_Snq4_CdzmQnMkpa20zY-mYvg/viewform
[20] https://catalog.asu.edu/glossary#quickreentry
[21] https://herbergerinstitute.asu.edu/admissions
[22] https://art.asu.edu/
[23] https://design.asu.edu/degree-programs

Ira A. Fulton Schools of Engineering policies

The Ira A. Fulton Schools of Engineering educate undergraduate and graduate students, giving them the knowledge, skills and attitudes they need for success in technically oriented careers. The schools provide students with a range of educational opportunities through which they may achieve excellence in the major branches of engineering, computer science, informatics, construction management, aviation, technology, human systems engineering, environmental resource management, and technological entrepreneurship and management.

The Ira A. Fulton Schools of Engineering take pride in their diversity, their economic and cultural heritages, and the quality of their graduates. The schools strive to be integral to the community they serve and a lifelong presence in the lives of those within their compass. The schools' educational and research programs are built around the following principles: entrepreneurship, use-inspired research and scholarship, a focus on the individual, the intellectual fusion of unique and distinct disciplines, social embeddedness in communities (local, national and international), and global engagement.

More information is available at https://engineering.asu.edu/ [1].

Ira A. Fulton Schools of Engineering aspirations

Graduates from any of the schools' programs possess a solid technological background. Additionally, the Ira A. Fulton Schools of Engineering aspire to develop leaders who are well-read, well-spoken and knowledgeable about current business practices. Experiential education is recognized as a complementary praxis and integral to the overall academic experience. To this end, the schools offer enhanced curricula, special courses and extracurricular activities to enrich the student's stay and to offer every student opportunities to achieve the schools' aspirations.

All the programs within the schools are professional programs, and professionalism is an important component of all the curricula. The schools strive to help students understand and value the various aspects of professionalism, including ethical behavior, a desire for lifelong learning, the ability to communicate with others, and an awareness of how the profession fits into society and impacts it. As the first step in ethics, all students are expected to follow the student code of conduct and rules of academic integrity [2] defined by the university.

Academic integrity

Students enrolled in the Ira A. Fulton Schools of Engineering must adhere to ASU's Academic Integrity Policy [3]. Students are responsible for reviewing this policy and understanding each of the areas in which academic dishonesty can occur. In addition, all engineering students are expected to adhere to the ASU Academic Integrity Honor Code [4]. Students are notified of an alleged violation by their instructor and then reported to the Fulton Schools of Engineering Academic Integrity Office for processing.

The Ira A. Fulton Schools of Engineering have developed and enforce a number of academic standards. These standards are designed to support students and ensure the quality of the schools' graduates.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [6], call 480-965-0696 or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [7].

Undergraduate policies

Academic standing

Student responsibilities

Students need to make many decisions as they complete their degree programs. While the schools and the university have a number of resources available to help with decision-making (e.g., faculty, courses, advisors and tutors), students are expected to take responsibility for their decisions.

Ira A. Fulton Schools of Engineering good standing

Students are expected to select and successfully complete courses that lead to the timely completion of their degree programs. Students are said to be in good standing if they fulfill all the following:

- maintain acceptable GPAs
- enroll in and complete critical tracking requirements
- complete courses each semester that are applicable to their degrees

University academic warning

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester (fall or spring) is considered to be on academic warning. If after one term with an academic warning a student still has not achieved the minimum GPA standard of 2.00, the student will be placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning is considered in conditional good standing and is permitted to enroll.

Whether a student's status is an academic warning or probation, the student must meet with an academic success specialist to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing. At the discretion of the student's college or school, that plan may require successful completion of UNI 220 Academic Refresher/Mindset Connections.

Ira A. Fulton Schools of Engineering probation

There are many reasons why some students do not make satisfactory progress. These students are placed on Ira A. Fulton Schools of Engineering academic probation to ensure they get the extra attention and resources they need in order to get back in good standing. Working with an academic advisor to plan a strategy for success is crucial. Students may be required to reduce their course loads (13 credit hours maximum), retake courses or even take courses outside of their programs.

To return to academic good standing in the Ira A. Fulton Schools of Engineering, students on probation need to earn a minimum semester GPA of 2.25 and earn a minimum cumulative ASU GPA of 2.00 at the end of the probation semester. If a student is enrolled in only one course, a grade of "C+" (2.33) or better and a minimum cumulative ASU GPA of 2.00 are required for obtaining academic good standing. Students who meet either the semester GPA requirement or the cumulative ASU GPA requirement at the end of their first probationary semester may be continued on probation. Courses completed during summer sessions are not used to reevaluate a student's probationary status.

Conditions for Ira A. Fulton Schools of Engineering probation

A student is placed on college or university probation when specific academic expectations are not met. Some conditions trigger an automatic placement on probation whereas others trigger an automatic review of the student's case to determine if probation is warranted. When a probation review is triggered, the final decision and any conditions of probation are determined at the program level.

Automatic probation is triggered by either of the following:

- two successive semesters with GPAs less than 2.00
- an ASU cumulative GPA less than 2.00

Automatic review (borderline) is triggered by either of the following:

- a semester with a GPA less than or equal to 2.00
- a cumulative GPA in the major of less than 2.00

Ira A. Fulton Schools of Engineering continuing probation

A student on probation or continuing probation at the university level is placed on college-level continuing probation status when specific academic expectations are not met. When a continuing probation review is triggered, the final decision and any conditions of continuing probation are determined at the college level.

To return to academic good standing in the Ira A. Fulton Schools of Engineering, students on continuing probation need to earn a minimum semester GPA of 2.25 and earn a minimum cumulative ASU GPA of 2.00 at the end of the probation semester. If a student is enrolled in only one course, a grade of "C+" (2.33) or better and a minimum cumulative ASU GPA of 2.00 are required to obtain academic good standing.

Automatic continuing probation is triggered by either of the following:

- a student on probation does not attain a semester GPA of 2.25 or greater and has a cumulative GPA of at least 2.00 at the end of the probation semester
- a student on probation or continuing probation obtain a semester GPA of 2.25 or greater and has a cumulative GPA less than 2.00

Ira A. Fulton Schools of Engineering ineligibility

Students who are on continuing probation and fail to meet the schools' retention standards become ineligible to continue working toward a degree within the Ira A. Fulton Schools of Engineering.

Ineligibility occurs if the continuing probationary student does any of the following:

- does not attain a semester GPA of 2.25 or greater and has a cumulative GPA of at least 2.00 at the end of the probationary semester
- has already been on probation for two consecutive semesters
- fails to complete any courses appropriate for the degree during each semester

Ineligible students are subject to the following limitations:

- Students who change colleges may not register for courses in the Ira A. Fulton Schools of Engineering unless the courses are required by their new majors.
- Students who register for courses in the Ira A. Fulton Schools of Engineering may be withdrawn from these courses any time during the semester they are registered.

Ineligible students are encouraged to consider these options:

- Students may be eligible to change their majors to other colleges if they are in university academic good standing and have acceptable cumulative GPAs; the acceptable GPA level depends on the number of credit hours of completed coursework. Students should contact their advisor to determine if this is an option for them.
- Students may take nonengineering courses during summer sessions.
- An ineligible student may apply for readmission to the college after one calendar year.
- Students may request a status review by contacting the Office of Academic and Student Affairs.

Ira A. Fulton Schools of Engineering disqualification

Students who are on probation or continuing probation and fail to meet the schools' retention standards become disqualified to continue working toward a degree within the Ira A. Fulton Schools of Engineering.

Disqualification occurs if the student on probation or continuing probation does not attain a semester GPA of 2.25 or greater and has a cumulative GPA less than a 2.00 at the end of the probation semester.

Disqualified students are subject to the following limitations:

- A disqualified student is not allowed to register in a fall or spring semester at the university. If the student has already registered for a future fall or spring semester, the registration is canceled.
- A student who has been disqualified may apply for readmission to the college after one calendar year.
- A disqualified student may not attend as a nondegree student.
- If a disqualified student elects to attend another university or two-year college, any credits earned there will not affect the ASU cumulative GPA. A course repeated elsewhere will not result in a replacement of a grade earned at ASU.

Advising

Successful completion of a program in the Ira A. Fulton Schools of Engineering requires careful planning. While final responsibility lies with each student for becoming familiar with and understanding academic degree requirements, each program employs professional academic advisors who work with students to help them set academic and career goals, understand school and university policies and procedures, meet degree requirements, and become familiar with sources of academic support within the university. Students also may work with faculty advisors familiar with the chosen fields of specialization. Students should consult their advisors prior to registering each semester. A list of program advisors can be viewed at https://advising.engineering.asu.edu/ [8].

Students are encouraged to use eAdvisor tools [9] for academic planning. This service provides critical requirements and major maps, which are reports individualized for each student that lay out a specific, clear and accurate path to timely completion of the student's intended degree.

Many students find it necessary to work while attending ASU. The working student should endeavor to create a careful balance of work and class responsibilities that enables them to avoid academic problems. Students should inform their academic advisors of any outside work or activity so that course loads may be adjusted accordingly.

Staff in the Office of Academic and Student Affairs in the Ira A. Fulton Schools of Engineering are available to assist individual students with many different types of advising issues. They work with students to answer general questions about policies and procedures; help with registration transactions; administer the probation, disqualification and readmission processes; oversee disciplinary actions; hear grade grievances; and assist with other administrative matters.

Mandatory advising

All first-year students, student athletes and students who are found to be having academic difficulty are required to receive advisement before they can register for any classes, including during summer sessions. Some programs relax the advising requirement after the first year, so students should consult their academic advisor or review the My Tasks list in My ASU [10] to determine if advising is required.

Credit/registration

Students are required to register for courses using one of the university-provided processes. As part of the registration process, the school enforces the following registration restrictions.

Maximum hours

Students enrolled in undergraduate degree programs in the Ira A. Fulton Schools of Engineering may register for a maximum of 19 credit hours per semester. Any student wanting to register for more than the maximum must submit a college standards petition and have an approval on file prior to registering for the overload.

Ira A. Fulton Schools of Engineering probationary status

Students who have been placed on academic probation with the Ira A. Fulton Schools of Engineering must meet with their academic advisors and complete their probation success plan. The success plan is designed to assist students in identifying a path to academic success; it can be found at https://advising.engineering.asu.edu/wp-content/uploads/2020/02/Probation-Success-Plan.docx [11]. Students on academic probation with the Fulton Schools may enroll in a maximum of 13 credit hours per semester.

Degree requirements

Undergraduate nondegree status

Students who are enrolled in an undergraduate nondegree status in the schools must obtain advising and approval to register from the Office of Academic and Student Affairs before registering each semester.

Course prerequisites

Students should consult the schedule of classes and the catalog for course prerequisites. Students who register for courses without the designated prerequisites may be withdrawn without their consent at any time before the final examination. Such withdrawals may be initiated by the course instructor, the program chair of the program offering the course or the dean of the college. In such cases, students will not receive monetary reimbursement.

Pass/fail grades

Students requesting credit for pass/fail courses taken at another institution must file an Ira A. Fulton Schools of Engineering standards petition. Each request is judged on its particular merits.

Non-Ira A. Fulton Schools of Engineering students

Students who are not admissible to programs in the Ira A. Fulton Schools of Engineering and who enroll in another college at ASU may not register for any 300- or 400-level courses in the schools unless the courses are required in their degree programs and the students have the proper course prerequisites.

First-year composition requirement

Completion of the first-year composition requirement is required for graduation. Any student whose written or spoken English is unsatisfactory in any course may be required by the appropriate school director or program chair to take additional course work. The first-year composition requirement policy is at https://catalog.asu.edu/ug_grad_req [12].

Concurrent degrees

Students interested in pursuing a concurrent degree should consider several aspects:
- The degree conferral date occurs when all degree requirements are satisfied for each undergraduate degree program; that is, students receive both degrees at the same time regardless whether coursework for one degree is completed prior to the other degree.
- Admission criteria, policy for double-counting credits, and other requirements and rules are defined by the school or college offering the degree program.
- Financial aid and scholarship limits apply and may not cover all semesters; therefore, students may need to invest more time, and hence more funds, to complete concurrent degrees.

Once a decision is made to pursue a concurrent degree, the process must be set in motion:
- A student pursuing a concurrent degree must meet with both program advisors to learn about degree and graduation requirements of both degree programs and the eligibility requirements for filing a petition. Both advisors should review the graduation plan that outlines courses the student will take each semester.
- The student must file a standards petition form [13] with each respective school or college offering the desired degree programs to request permission to pursue the concurrent degrees. The petition form is also available in-person from the program academic advisor.

Petition approvals result in the posting of concurrent degrees in PeopleSoft. If the student later decides to drop one of the degrees, the student should inform the University Registrar Services [14] Graduation Office that they are no longer interested in pursuing concurrent degrees.

Change of major

Students interested in switching majors to one of the programs within the Ira A. Fulton Schools of Engineering must meet the schools' admission requirements for transfer students. This requirement is true for students admitted to ASU as first-year or transfer students. A change of major is not guaranteed, and students interested in changing majors are encouraged to make an appointment with an advisor in the program of interest to discuss the probability of success and to develop a plan of action to ensure successful advancement to upper-division courses. For admission information, students should visit https://engineering.asu.edu/admission-requirements/ [15].

Students who were admitted as first-year students into the Ira A. Fulton Schools of Engineering, with the exception of The Polytechnic School, and who have maintained continuous enrollment in any Fulton Schools major may choose to change to any other major within the Ira A. Fulton Schools of Engineering provided they are in good academic standing [16]. Students admitted to The Polytechnic School must meet the transfer admission requirements in order to change to a Fulton Schools major outside of The Polytechnic School.

Evaluation of previous coursework

Transferring from one institution to another or between programs can result in a net loss of credits that count toward the degree. Thus, it is important for students who contemplate transferring into the Ira A. Fulton Schools of Engineering from other institutions, whether community colleges or four-year institutions, to carefully study the requirements of their degree programs to get a sense of which courses may transfer.

Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades lower than "C" (2.00) are accepted as transfer credit to meet the graduation requirements of the schools. Credits transferred from a community college or two-year institution are applied only as lower-division credits. For a listing of the acceptable courses transferable to the various degree programs, prospective Arizona transfer students should consult their advisors and refer to the ASU transfer tools available at https://admission.asu.edu/transfer [17].

Some courses taken at ASU or other universities may be acceptable for general university credit but may not be applicable toward the degree requirements of the schools. Determination of those particular courses applicable to a specific degree program is made within the appropriate academic unit with approval of the dean.

Currency of coursework

Courses taken more than five years before admission to degree programs in the Ira A. Fulton Schools of Engineering are not normally accepted for credit in the engineering major, at the option of the program in which the applicant wishes to enroll. However, students still may earn university elective credit or General Studies credit for these courses. Courses completed within the five years preceding admission are judged for their applicability to the student's curriculum.

General education development

Students admitted to the university after successful completion of a GED examination are directly admitted to the Ira A. Fulton Schools of Engineering Bachelor of Science or Bachelor of Science in engineering program within their majors, provided they meet the minimum ACT or SAT score required for first-year admission to the Ira A. Fulton Schools of Engineering.

Graduation requirements

To qualify for graduation, an Ira A. Fulton Schools of Engineering student must have a minimum cumulative ASU GPA of 2.00 in addition to having a GPA of at least 2.00 for the courses in the major.

University graduation requirements

In addition to program and the Fulton Schools' requirements, students must meet all university graduation requirements [12]. A well-planned program of study enables students to meet all requirements in a timely fashion. Students are encouraged to consult with an academic advisor in planning a program, to ensure they comply with all necessary requirements.

Reinstatement/readmission

Readmission

Undergraduate degree-seeking students who previously attended ASU in the Ira A. Fulton Schools of Engineering but have not been enrolled at ASU for up to seven consecutive semesters are eligible to return through quick re-entry [18]. Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration.

Undergraduates who have been away from the university for more than seven semesters and want to return to ASU in an Ira A. Fulton Schools of Engineering program are required to apply for readmission through the admission services office. Readmission requests are processed as follows:

1. School of Engineering students seeking readmission to the same program they left and who left ASU with either academic good standing or probation status are readmitted to that degree program with the same academic standing they had when they left ASU (i.e., good academic standing or probation).
2. Students seeking readmission to an Ira A. Fulton Schools of Engineering program other than the program they left and who have an ASU GPA of 3.00 or greater are readmitted to the degree program with the same academic standing they had when they left ASU (i.e., good academic standing or probation).
3. Students seeking readmission to an Ira A. Fulton School of Engineering program other than the program they were in when they left ASU with either academic good standing or probation status and who have an ASU GPA less than 3.00 are subject to the process of admission by change of major. These requests for readmission are reviewed on an individual basis. If the request for readmission is approved, the student is readmitted to the new degree program with the same academic standing he or she had when leaving ASU (i.e., good academic standing or on probation).
4. Students seeking readmission to an Ira A. Fulton Schools of Engineering program and who left ASU with either ineligible or disqualified status are subject to review by the Office of Academic and Student Affairs and the program. Readmission is only considered after a student has remained out of the Ira A. Fulton Schools of Engineering for a minimum of 12 months. A student is required to supply proof of now being capable of successfully completing courses in the discipline by the completion of at least 15 hours of appropriate coursework with a GPA of 3.00 or higher and a cumulative GPA (ASU plus transfer) of at least 2.50. If the readmission request requires a change of major, then the student must complete the review process for admission by change of major. If readmission is approved, the student will return with continued probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with a program advisor before enrolling in courses at ASU.

Other special requirements

Advancing to upper-division courses

The faculty in the Ira A. Fulton Schools of Engineering have identified a set of critical requirements in the first four semesters of each program whereby performance in these critical requirements is a key component in progressing in the chosen major. These critical requirements include a set of courses and performance levels required in those courses and are outlined on the major maps.

Graduate policies

Policy for maintaining satisfactory academic progress

A student who has been admitted to a graduate degree program in the Ira A. Fulton Schools of Engineering, with either regular or provisional admission status, must maintain a GPA of 3.00 or greater in all the following:

1. all work taken for graduate credit (courses numbered 500 or higher)
2. coursework in the student's approved plan of study
3. all postbaccalaureate coursework taken at ASU (overall GPA)

A student will be placed on academic probation if one or more of the student's GPAs listed above is less than 3.00. Students will be notified by mail when placed on academic probation.

A student will earn academic good standing by obtaining a 3.00 or greater in the GPAs listed above by the time the next nine credit hours are completed. Coursework such as research and dissertation and any course that is graded with a "Z" (in progress) or "Y" (satisfactory) cannot be included in these nine hours.

A student may be recommended for dismissal from a graduate program if the student fails to increase all the GPAs listed above to 3.00 or greater by the time he or she completes at least nine credit hours as defined in the previous paragraph. A student may appeal actions concerning dismissal by petitioning the program in which they are enrolled.

Academic units in the Ira A. Fulton Schools of Engineering can expand this policy statement to include additional policy governing the satisfactory academic progress of the students in their graduate programs.

Additional graduate policies

Full details of policies related to graduate students in the Ira A. Fulton Schools of Engineering can be found on each program's webpage. For a list of programs, students should visit the Engineering website [1]. University policies related to graduate students can be found on the Graduate College [19] webpages.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and they must abide by all university policies including those of the Graduate College and the Ira A. Fulton Schools of Engineering.

Source URL: https://catalog.asu.edu/policies/engineering

Links:
[1] https://engineering.asu.edu/
[2] https://provost.asu.edu/academic-integrity
[3] https://provost.asu.edu/academic-integrity/policy
[4] https://provost.asu.edu/academic-integrity/honor-code
[5] https://www.asu.edu/aad/manuals/acd/acd401.html
[6] mailto:titleixcoordinator@asu.edu
[7] https://www.asu.edu/reportit/
[8] https://advising.engineering.asu.edu/
[9] https://eadvisor.asu.edu/
[10] https://my.asu.edu/
[11] https://advising.engineering.asu.edu/wp-content/uploads/2020/02/Probation-Success-Plan.docx
[12] https://catalog.asu.edu/ug_grad_req
[13] https://students.asu.edu/College_Standards_Petitions
[14] https://students.asu.edu/contact/office-university-registrar
[15] https://engineering.asu.edu/admission-requirements/
[16] https://catalog.asu.edu/retention_standing
[17] https://admission.asu.edu/transfer

[18] https://catalog.asu.edu/glossary#quickreentry

[19] https://graduate.asu.edu/

College of Global Futures policies

The College of Global Futures [1] prepares next-generation leaders with the knowledge, skills and mindsets they need to tackle complex global challenges. Home to the School for the Future of Innovation in Society [2], the School of Sustainability [3] and the School of Complex Adaptive Systems [4], the college fosters new interactions between students, staff, faculty and partners that elevate our ability to understand complex, integrated social, environmental and technical systems; drive responsible innovation; and lead to ethical interventions that ensure a just, healthy and fulfilling future for everyone. Students learn how to develop enduring solutions that benefit all people everywhere on a thriving, healthy planet.

Student responsibilities

Students need to make many decisions as they complete their degrees. While the college and the university have a number of resources available (e.g., faculty, courses, advisors and tutors) to help in the decision-making process, students are expected to take responsibility for their decisions.

Academic integrity

The College of Global Futures adheres to ASU's academic integrity policies and procedures [5]. Students are part of an academic community that is engaged in learning and inquiry and based on the quest for truth, thus committing themselves to a path of honesty and integrity. Therefore, it is expected that they integrate that responsibility with their conduct, in line with the ASU Student Honor Code [6]. Students' coursework, research and projects must be original and reflect individual effort and integrity. When in doubt about appropriate conduct, students should consult a faculty mentor, advisor or the college's academic integrity officer [7] to seek clarification. The college has a policy of zero tolerance for any form of academic misconduct. Penalties for unethical behavior range from failing grades to expulsion from the university.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [8].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [9], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [10].

Undergraduate policies

Academic standing

Good standing

Students with a cumulative ASU grade point average of 2.0 or higher are considered in good standing.

Academic warning and academic probation

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester at the university (fall or spring) is considered to be on academic warning during their second term. If a student on academic warning does not achieve the minimum GPA standard of 2.00 at the end of the warning period in the second term, the student is placed on probation for the following term.

Students who are no longer in their first semester at ASU and do not maintain a cumulative GPA of 2.00 or greater in all courses taken at ASU are placed on academic probation.

Whether a student's status is academic warning or probation, the student must meet with an academic advisor to discuss academic success strategies for the subsequent semester and develop a success plan for returning to academic good standing.

The student and advisor will discuss campus academic resources, plan current and future semester goals and discuss strategies to attain academic success. Students on academic warning or probation may be limited in the number of credit hours they may enroll in, must enroll in UNI 220 Academic Refresher, and must also do one of the following:

1. Students must raise their cumulative ASU GPA to 2.00 or greater by the end of the next semester in order to return to good academic standing.
2. If a cumulative GPA of 2.00 can't be reached in one semester, students must obtain a semester GPA of 2.00 or greater with no grade lower than a "C" in order to be granted one additional semester on continuing probation, providing them with two semesters in which to return to good academic standing and avoid disqualification.

Disqualification

Students who do not meet probation requirements are subject to disqualification. Students who have been disqualified may attend summer sessions to try to bring their GPA to good standing, but they are not permitted to register for fall or spring sessions. If disqualified students choose to register for courses in the summer, they first should meet with an advisor to better understand grade replacement policies and determine which courses would be best for them. Students who already registered for future fall or spring semesters will have their registrations canceled.

Academic advising

The College of Global Futures Student Services Center [11] supports students' achievement of their personal, educational, cultural and career goals while becoming self-directed, lifelong learners. The college encourages students to meet with an advisor at least once a semester and requires that students meet with an advisor at certain points during their academic career:

- prior to the first semester: all newly admitted students
- first semester: during the first semester to plan for the second semester
- fifth semester: when students are starting to focus their studies and think about steps leading to graduation
- seventh semester: to prepare for any capstone experiences required and planning for post graduation

Office hours are Monday through Friday, 9 a.m. to 4 p.m., excluding university holidays. Students should schedule their advising appointments in advance through My ASU [12] or this direct link [13] so advisors can set aside the appropriate time to answer all their questions.

Critical requirements

All College of Global Futures students must meet critical requirements for their intended majors. Students who do not comply with the critical requirements are considered off track, and holds are placed on their records; to have the holds removed, they must meet with their advisors. Students who still do not meet all critical requirements in the following semester are not permitted further registration in their intended majors. Students who are off track for two consecutive semesters may be required to change their major.

Registration and credit

Students enrolling in courses offered by the College of Global Futures are expected to follow the rules and deadlines specified in this catalog and the ASU academic calendar. Students are encouraged to meet with their academic advisor before registration.

Maximum hours and course load

Students enrolled in undergraduate degree programs in the College of Global Futures may register for a maximum of 18 credit hours per semester (fall and spring), with a maximum of nine credit hours per session A or session B. Students may register for a maximum of 14 credit hours per summer term, with a maximum of seven credit hours per session A or session B.

Students wanting to register for more than the maximum must submit a credit overload request on the College of Global Futures website and meet the stated criteria. Students generally are not permitted to exceed the maximum credit limit in their first term at ASU or in the hybrid year of an accelerated bachelor's and master's degree program; however, each request is reviewed on an individual basis.

More details on credit hour limits are available on the course load and concurrent enrollment policy [14] site.

Late enrollment transactions

The College of Global Futures adheres to all posted university deadlines for course enrollment, including add, drop and withdrawal. Late drops from College of Global Futures courses are not approved; however, students can withdraw from courses following the regular course withdrawal process [15]. If students wish to add a College of Global Futures course after the official drop/add deadline, they may request special permission to do so. Instructor approval is required; however, instructor approval does not guarantee college-level approval. Drop/add deadlines are posted on the Academic Calendar [16].

Repeat and replacement policy

Students wishing to repeat courses and possibly replace prior course grades must follow ASU's repeating courses policies [17] regarding the number of credit hours that are allowed to be repeated and the types of courses that are eligible for a grade replacement.

Generally, students may not repeat an undergraduate course for credit when a grade of "C" or higher is earned unless the higher grade is required for the course as part of the major.

Students wishing to repeat a course for a third time must submit a petition. Students should contact the advising office for information.

Pass/fail grade options

Some instructors may offer courses on a grading basis of satisfactory "Y" and failing "E". With a "Y" grade, students earn credit hours but the grade is not factored into the GPA. The pass "P" grade works similarly but is only used when an individual student receives permission from both the class instructor and the college or school prior to the drop/add deadline for the session. Permission is recorded on the pass/fail enrollment form [18]. A grade of failing, or "E", is factored into the GPA. Students should see ASU grading options and definitions [17] for more information.

Degree requirements

All undergraduate students in the College of Global Futures must complete the university's General Studies requirement [19] as well as all requirements for their majors.

Minors

Students in schools in the College of Global Futures may not use courses in their majors to fulfill the requirements of their minors. Similarly, they may not use courses in their minors toward their majors, with the exception of the related discipline requirement for the BA or BS in sustainability.

Concurrent degrees

Students may seek approval to pursue concurrent degrees with the College of Global Futures after they have completed at least 30 graded credit hours. To be eligible to add a School of Sustainability program as a concurrent degree, students must have a cumulative ASU GPA of 3.00. To be eligible to add a School for the Future of Innovation in Society program as a concurrent degree, students must have a cumulative ASU GPA of 2.00.

Students interested in declaring a concurrent College of Global Futures degree or current College of Global Futures degree should schedule an appointment with a Global Futures advisor to complete a College of Global Futures Standards Petition. Concurrent degrees must be approved by the academic units for both degree programs, so students also need to meet the eligibility criteria of the other academic unit and follow the process outlined by that unit as well.

Degree combinations with too great an overlap between the required courses for each major are not approved. For example, students may not pursue a BA or BS in sustainability as well as a BS in sustainable food systems, a BA in business with a concentration in sustainability, or a BA in interdisciplinary studies with a concentration in sustainability.

Readmission

Students seeking reinstatement after disqualification or readmission after absence from the university should contact the College of Global Futures Student Services Center regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process [20]. Students are eligible for readmission into the College of Global Futures once they complete either of the following:

1. Raise their ASU cumulative GPA to good academic standing (2.00) by taking ASU summer session courses.
2. Complete 24 or more transferable credit hours at a community college or university with no grades less than "C" and a GPA of 3.00 or greater. Courses in which the student failed or received a "D" grade at ASU should not be repeated at another institution.

Other special requirements

Grade appeals

The College of Global Futures follows the university policy for student appeal procedure on grades [21] and has outlined more information about the process within the college on the Global Futures website [22].

Graduate policies

The college's graduate policies are guided by the university policies on graduate studies [23]. Graduate advising and student services are currently offered directly through each of the schools within the College of Global Futures: School for the Future of Innovation in Society [24], School of Sustainability [25] and School of Complex Adaptive Systems [26].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those outlined by the Graduate College and the College of Global Futures. Additional information about program requirements and what is required to maintain good academic standing can be found in program handbooks.

Source URL: https://catalog.asu.edu/policies/global_futures

Links:
[1] https://collegeofglobalfutures.asu.edu/
[2] https://sfis.asu.edu/
[3] https://schoolofsustainability.asu.edu/
[4] https://scas.asu.edu/
[5] https://provost.asu.edu/academic-integrity
[6] https://provost.asu.edu/academic-integrity/honor-code

[7] https://provost.asu.edu/academic-integrity/officers

[8] https://www.asu.edu/aad/manuals/acd/acd401.html

[9] mailto:titleixcoordinator@asu.edu

[10] https://www.asu.edu/reportit/

[11] https://collegeofglobalfutures.asu.edu/advising

[12] https://my.asu.edu/

[13] https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising/

[14] https://catalog.asu.edu/course_load

[15] https://students.asu.edu/drop-add

[16] https://students.asu.edu/academic-calendar

[17] https://students.asu.edu/grade#repeat_course

[18] https://catalog.asu.edu/policies/https/students.asu.edu/forms/pass-fail-enrollment

[19] https://catalog.asu.edu/ug_gsr

[20] https://admission.asu.edu/undergrad/readmission

[21] https://catalog.asu.edu/appeal

[22] https://collegeofglobalfutures.asu.edu/student-life/advising/grade-appeal-academic-grievance/

[23] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

[24] https://sfis.asu.edu/

[25] https://schoolofsustainability.asu.edu/

[26] https://scas.asu.edu/

Thunderbird School of Global Management policies

For more than 70 years, Thunderbird School of Global Management has been the vanguard for global leadership and management education. Since 1946, Thunderbird has guided exceptional individuals to shape meaningful and impactful careers all over the world — as entrepreneurs and innovators; as leaders of multinational corporations and family businesses; and as individuals in government agencies, international organizations and in the nonprofit sector.

Today, people live in a time of great upheaval across the globe. The advent of the Fourth Industrial Revolution is transforming people's lives and poses seemingly unlimited opportunities for the achievement of sustainable prosperity and peace in the world. At the same time, the rise of reactionary nationalisms and parochialisms pose a fundamental challenge to the progress made, from decades of global openness and integration, while the perils of overconsumption and climate change have made the planet ever more fragile.

Thus, perhaps more than ever, the world needs Thunderbird graduates, those who possess contextual global mindsets and unparalleled fluencies that enable them to work across countries, across sectors and across cultures.

Academic integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Student Academic Integrity Policy [1] is strictly enforced for students found in violation of this policy. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal.

For more information on graduate-specific policies, students should refer to the specific graduate student handbook and should review the Graduate College's academic integrity page. https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity [2]

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [4], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [5].

Undergraduate policies

Academic standing

To maintain satisfactory academic progress, all students in the Thunderbird School of Global Management must:
1. maintain a minimum GPA of 2.00 each semester
2. maintain a minimum cumulative GPA of 2.00

Probation

A student is placed on probation at the end of the fall or spring semester if their GPA is less than 2.00.

Continuing probation

A student is placed on continuing probation when their cumulative GPA is less than 2.00 for two consecutive semesters but they have shown academic progress.

eAdvisor tracking

In addition to being in good academic standing with the university, all students at Thunderbird School of Global Management must adhere to ASU critical tracking requirements, per the pertinent major map. Students are off track if they fail to meet ASU critical tracking requirements. For more information on critical tracking courses, students should see https://webapp4.asu.edu/programs/t5/MajorMaps [6].

Students who remain in off-track status for two or more consecutive semesters may be required to change majors.

Disqualification

Students are disqualified from ASU if their cumulative GPA remains less than 2.00 for more than two consecutive semesters. Students who are disqualified are not allowed to enroll in the following fall or spring semester. They may take courses during the summer to raise their GPA; however, this does not guarantee reinstatement for the following fall semester. Disqualified students must follow the procedures for readmission; requests will be reviewed by the college on a case-by-case basis.

Remediation

Students are required to meet with an academic advisor if they are placed on probation, continuing probation, off-track status or are at risk for disqualification, at which point an appropriate remediation plan will be discussed.

Advising

Thunderbird School of Global Management is committed to the personal, social and academic experiences of students by providing high-quality, student-centered academic advising, ensuring the accuracy and accessibility of information and resources, and partnering with students to help them reach their career goals.

Academic advising is required for the following students:

- All first-year and new transfer students are required to meet with an academic advisor before course registration. Thus, first-year students are required to meet with an academic advisor prior to both their first and second semesters.
- Students not in good academic standing status (i.e., on probation, continuing probation, off-track status, disqualification, etc.) are required to meet with an academic advisor to discuss a remediation plan.

Faculty and staff utilize academic status reports [7] to provide student feedback over the course of the academic semester and year. Academic status reports may be used to identify students who are struggling academically or professionally or to recognize students who are exceeding in coursework. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement.

Credit/registration

Course load

Students are allowed to register for a maximum of 18 credit hours per semester. To register for more than the maximum allowable, students may petition their Thunderbird School of Global Management academic advisor. No student should assume that a petition for overload will be granted. For more information, students should review the course load and concurrent enrollment policy [8] page.

Transfer work

Transfer credits from other institutions may be accepted and applied based on the student's major. Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades lower than "C" (2.00) transfer to ASU. Credits transferred from a community college or two-year institution are applied as lower-division credits. Thunderbird School of Global Management recommends that students work closely with their academic advisor to determine the process for applying pertinent

transfer credit hours to their program of study. For more information on the transfer process and a list of the courses transferable to the various degree programs, students should consult their advisor and refer to the ASU transfer tools [9].

Course prerequisites

Course prerequisites are established to ensure student success in a course. Students must complete all course prerequisites prior to enrolling in the desired course. Prerequisite overrides may be granted under the following conditions:

- A transfer course has been accepted by advisor to fulfill required course prerequisite.
- A prerequisite override has been granted by an advisor, instructor or other authority.

Grade of incomplete

A grade of incomplete for a course may be granted by permission of the instructor under the following conditions:

- The student is in good standing academically at ASU.
- The student has completed a substantial portion of the required coursework.
- The student has experienced extenuating circumstances prior to the end of the semester, preventing completion of the course. https://students.asu.edu/forms/incomplete-grade-request [10]

If qualified, students have one calendar year to complete course requirements. If requirements are not met per the standards agreed upon with the course instructor after one calendar year, the incomplete will be adjusted to reflect a course failure.

Pass/fail grade option

A grade of "Y" (satisfactory) contributes to a student's earned credit hours but does not affect the GPA. A failing grade of "E" is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted by the instructor and college offering the course.
- The pass/fail option was chosen during initial registration for the course, if available.

Thunderbird students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy first-year composition requirements
- those taken from the student's major, minor or certificate program
- those taken for honors credits
- those counted toward satisfying Thunderbird General Studies requirements
- those counted toward satisfying Thunderbird language and culture proficiency requirements

Pass/fail credit taken at another institution may be petitioned for use, but only if the student can demonstrate proof that the pass grade was equivalent to a "C" (2.00) or greater.

Withdrawal

Complete session withdrawal information

Since a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, undergraduate students are required to contact the college or school of their major to facilitate the withdrawal process.

Students must complete the following steps in the order in which they are listed:

1. Fill out a complete session withdrawal form. https://students.asu.edu/forms [11]
2. Meet with a Thunderbird academic advisor.

ASU has many resources in place to help students. Students may want to consider one or more of the following:

- **Withdraw from just one or two classes (course withdrawal).** Students may withdraw from a class while remaining enrolled in other classes as long as the withdrawal is completed between the drop/add deadline and the course withdrawal deadline. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements. Students also are encouraged to contact a financial aid representative to consider any impact withdrawing will have on scholarships, grants and loan packages.
- **Request a medical or compassionate withdrawal.** Medical or compassionate withdrawals are available for students withdrawing from one or more classes due to extraordinary personal mental or physical health conditions or the death or serious illness of a family member or close friend. If approved, students are allowed one medical or compassionate withdrawal during their academic career with Thunderbird. For information concerning medical or compassionate withdrawal requests, students should see the medical and compassionate withdrawal policy [12] page, and they may obtain the form here: https://students.asu.edu/files/Medical-Compassionate%20Withdrawal%20Request.pdf [13].
- **Seek tutoring or academic support services.** The Student Success Center [14] provides a variety of services to help students become better learners and gain the confidence and skills they need in order to achieve their academic goals. Services include writing centers, math tutoring, subject area tutoring and supplemental instruction.
- **Make an appointment with ASU's Counseling Services.** Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers [15], regardless of their college affiliation.
- **Explore the possibility of an "I" (incomplete) grade.**

The following are possible consequences that result from a complete session withdrawal:

- **financial aid** --- Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal of financial aid depends on when the withdrawal is dated and the type of financial aid. More information is at ASU Financial Aid and Scholarship Services [16].
- **tuition and refunds** --- The date of a complete withdrawal determines whether or not a tuition refund will be generated. Students should review the tuition refund policy [17] for more information.
- **health insurance** --- Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- **University Housing** --- Students who live on campus should contact their residence hall community staff to determine what impact withdrawing will have on their eligibility to live on campus; to complete a license agreement release form; and to arrange an appointment to officially check out. More information is at https://housing.asu.edu/housing-communities/residential-colleges/casa-de-oro [18].
- **veteran benefits and certifications** --- Students should contact the appropriate veteran benefits and certifications office to discuss information regarding veterans' educational benefits and military activation. For more information, students should email ptvc@asu.edu [19] or visit https://veterans.asu.edu [20].

For general university withdrawal procedures, students should review https://students.asu.edu/drop-add [21].

Degree requirements

All candidates for graduation in the BGM or BS curricula are required to present at least 120 credit hours, of which at least 45 credit hours must consist of upper-division coursework. A minimum cumulative GPA of 2.00 is required for graduation.

It is the student's responsibility to be aware of the degree program requirements and to select courses accordingly.

To graduate, a student must satisfy the following requirements:

1. ASU 101 or equivalent (first-year students)
2. college proficiency requirements for language
3. university first-year composition and General Studies requirements

4. an additional six credit hours consisting of three credit hours of literacy (L) and three hours total of humanities, arts and design (HU)/social-behavioral sciences (SB) at the upper-division level in addition to 29 credit hours of General Studies coursework
5. major requirements that involve concentrated coursework in one program
6. successful completion of critical-tracking courses as required on the student's major map

For more information regarding eAdvisor tools, students should visit https://eadvisor.asu.edu [22].

Language proficiency requirement

Each student is required to demonstrate proficiency in the analysis of language by passing an examination or by completing the courses specified below with a grade of "C" (2.00) or greater in each course. Students considering graduate work after completion of the bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study. Students should see the program major map for the specific language requirement and contact the advising office for information on applicable coursework.

The language proficiency requirement may be satisfied through one of the following:

- completion of secondary education at a school in which the language of instruction is not English
- completion of a language course at the intermediate level (202 or equivalent)
- completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country
- completion of six credit hours of upper-division courses that have the global awareness designation (G) or cultural diversity in the U.S. designation (C) in addition to the courses used to meet the university General Studies requirements

Students whose native language is not English who choose to take a second language must meet or exceed a TOEFL score of 100 or more to register for a non-English language class in the first or second semesters. All students whose native language is not English may register for a language class in their third semester. The first two semesters of English immersion will solidify their English proficiency before a new language is attempted.

Concurrent degrees

Students who are interested in pursuing concurrent degrees may petition the Thunderbird School of Global Management Standards Committee through their academic advisor. The petition may be found at https://catalog.asu.edu/sites/default/files/attachment/tbird_concurrent_degree_petition.pdf [23]

Thunderbird School of Global Management requires that students interested in applying for a concurrent degree meet the following criteria:

1. a minimum cumulative GPA of 3.00
2. have completed 30 credit hours in their first program of study
3. have completed a full fall or spring semester at ASU
4. must complete 30 credit hours unique to each program
5. must follow approval criteria procedures for both colleges

For more information on degree requirements, students should see Degree Search [24].

Minors

Thunderbird students may pursue minors [25] in other colleges at ASU. Courses used in the minor may not be used in the student's major program.

Readmission

Undergraduate degree-seeking students are eligible to return through quick re-entry [26] if they previously attended ASU but have not enrolled at ASU for up to seven consecutive semesters. These students are not required to submit a new application or application fee, but they must contact a Thunderbird academic advisor to enroll.

Undergraduates who have been away from the university for eight or more semesters and want to return to ASU in a Thunderbird program are required to apply for readmission [27] through Admission Services.

Disqualified students must follow the procedures for readmission; requests will be reviewed by the college on a case-by-case basis.

Other special requirements

Grievance policy

Undergraduate students with grievances pertaining to an enrolled course should first address issues with the course instructor. If an identified grievance is not resolved with the course instructor, the student should next seek resolution through the academic advisor and, lastly, from Thunderbird's academic director of undergraduate programs. Finally, if no resolution has been achieved, the student should contact the dean of faculty at Thunderbird School of Global Management.

Graduate policies

Academic progression

Each graduate program in the Thunderbird School of Global Management adheres to specific academic requirements. Students are strongly encouraged to become familiar with the expectations listed for their respective graduate program as well as review ASU graduate education policies found at https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals [28] and in the Thunderbird Graduate Student Handbook. Each student should also communicate directly with their program coordinator or academic advisor to ensure a clear understanding of all degree requirements and program expectations. Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and must abide by all university policies including those of the Graduate College and the Thunderbird School of Global Management.

All Thunderbird graduate programs require a minimum cumulative, graduate and iPOS GPA of 3.00. Students should see the individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification.

Credit/registration

Because of the intensity of the Thunderbird graduate programs, the maximum number of credit hours students may take each semester may be limited. Students should see the Thunderbird Graduate Student Handbook for more information.

Students may petition the Thunderbird School of Global Management Standards Committee through their academic director to register for more than the maximum allowable number of credit hours. No student should assume that a petition for overload will be granted.

Source URL: https://catalog.asu.edu/policies/global-management

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity
[3] https://www.asu.edu/aad/manuals/acd/acd401.html

[4] mailto:titleixcoordinator@asu.edu

[5] https://www.asu.edu/reportit/

[6] https://webapp4.asu.edu/programs/t5/MajorMaps

[7] https://students.asu.edu/asrr

[8] https://catalog.asu.edu/course_load

[9] https://admission.asu.edu/transfer

[10] https://students.asu.edu/forms/incomplete-grade-request

[11] https://students.asu.edu/forms

[12] https://students.asu.edu/forms/medical-compassionate-withdrawal-request

[13] https://students.asu.edu/files/Medical-Compassionate%20Withdrawal%20Request.pdf

[14] https://tutoring.asu.edu/student-services/tutoring

[15] https://eoss.asu.edu/counseling/about-us/location-and-hours

[16] https://students.asu.edu/financialaid

[17] https://students.asu.edu/tuitionrefundpolicy

[18] https://housing.asu.edu/housing-communities/residential-colleges/casa-de-oro

[19] mailto:ptvc@asu.edu

[20] https://veterans.asu.edu/

[21] https://students.asu.edu/drop-add

[22] https://eadvisor.asu.edu/

[23] https://catalog.asu.edu/sites/default/files/attachment/tbird_concurrent_degree_petition.pdf

[24] https://degrees.asu.edu/

[25] https://catalog.asu.edu/index.php?q=minors

[26] https://catalog.asu.edu/glossary#quickreentry

[27] https://admission.asu.edu/undergrad/readmission

[28] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

College of Health Solutions policies

The College of Health Solutions translates health research and discovery into practice and prepares students to be able to address the challenges facing people who wish to stay healthy, improve their health and manage chronic disease. Programs are offered in biomedical informatics and biomedical diagnostics; kinesiology, sports and exercise science; health care delivery; nutrition; population health; and speech and hearing science. Students, faculty and staff at the College of Health Solutions work together toward a common goal of improving health outcomes by optimizing health and human performance across the lifespan and addressing systems of health care and health needs of populations. Graduates of the college are uniquely prepared to make an impact in the health workforce and shift the focus of health from sickness to wellness.

Academic integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Academic Integrity Policy [1] is strictly enforced, and for students found in violation of this policy possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal.

For more information on graduate-specific policies, students should refer to the specific graduate program manual, and they should review the information on the Graduate College [2] website.

Procedure:

Any student, staff member or faculty member may report a suspected violation of the university's academic integrity policy. If a student is suspected of violating the academic integrity policy, the individual who suspects the violation will contact the college's academic integrity officer to discuss details and proposal of a sanction. The academic integrity officer will communicate to the student regarding the alleged violation, giving the student the opportunity to respond. Once an investigation has taken place and a determination made as to whether it is more likely than not that the student did violate the academic integrity policy of the university, the officer will send communication of the official sanction to the student along with steps by which the student may appeal the decision. If the student decides to appeal, he or she must meet with the officer to discuss hearing procedures.

After meeting with the academic integrity officer following the receipt of the sanction, a student may appeal to the College of Health Solutions' Academic Standards and Grievances Committee. Students should be aware that if an appeal is heard, the committee could award a sanction more severe than that originally proposed. Students have 10 working days from the date of the meeting with the AIO to initiate an appeal. After the 10 days, the sanction determined by the academic integrity officer is imposed and the matter will be closed.

The college's Academic Standards and Grievances Committee is a body composed of faculty from across the college and includes one student member. It meets no more than once a month during regular fall and spring semesters but not during summer, winter or the midterm breaks. After hearing the case, the committee deliberates and makes a written recommendation to the dean for review. The final decision of the dean is communicated to the student and all appropriate parties in writing.

Unless a student successfully appeals the finding that an academic integrity policy violation has occurred, the academic integrity officer will maintain a record of the incident and the sanctions on the university database. If students are found to have committed prior academic integrity violations, the intensity of sanctions will increase beyond the level which might have been warranted by the current offense.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education

programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [4], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [5].

Undergraduate policies

Academic good standing

For the purpose of retention, university academic good standing [6] for degree-seeking students is defined as maintaining a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year, beginning in fall 2013.

An ASU student who does not achieve the minimum GPA standard at the completion of the first term of study will receive an academic warning [7]. If after one term with an academic warning a student still does not achieve the minimum GPA standard, the student will be placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning or who is on academic probation is considered in conditional good standing and is permitted to enroll.

Whether a student's status is an academic warning or probation, the student must follow the guidelines provided in their notification from the college which could include either meeting with an academic success advisor or academic success advising coordinator or completing an online course to review academic success strategies for the subsequent semester and developing a success plan for returning to university academic good standing. That plan may require successful completion of UNI 220 Academic Refresher.

Continuing probation

Students are placed on continuing probation when their cumulative GPA is less than 2.00 for two consecutive semesters but they have shown academic progress and not earned less than a "C" in any course in the most recent semester.

eAdvisor tracking

In addition to being in university good academic standing, all students in the College of Health Solutions must adhere to ASU critical tracking coursework [8], per the pertinent major map. For more information on critical tracking courses, students should review the major map for their degree program. Students are off track if they fail to meet ASU critical tracking requirements for two consecutive semesters. All off-track students will receive a hold requiring them to meet with their academic advisor and set a plan for getting back on track with their degree program.

Examples:
- Speech and hearing science majors must maintain a GPA of 2.80 in ASU critically tracked courses.
- Dietetics students must maintain a cumulative GPA of 3.00.
- Medical studies students must maintain a cumulative GPA of 3.00.
- Kinesiology students must maintain a cumulative GPA of 3.00.
- Clinical exercise science students must maintain a cumulative GPA of 3.00 by term 3.
- Sports science and performance programming students must maintain a cumulative GPA of 2.50 by term 3.

Students who remain off track for two or more consecutive semesters may be required to change majors to a program that does not have the same critically tracked courses. For example, students not succeeding in chemistry may not change into another major that also critically tracks chemistry courses.

Disqualification

Students are disqualified from the College of Health Solutions and ASU if their cumulative GPA remains less than 2.00 for two consecutive semesters after they were placed on probation. Students who are disqualified cannot enroll in classes at ASU for a minimum of two semesters (fall and spring). Disqualified students may take courses during the summer to raise their GPA; however, this does not guarantee reinstatement for the following fall semester. Disqualified students must apply for readmission or reinstatement for the semester they wish to return to the university. The college will not reinstate a student into any major that prepares students for professional school or professional credentialing nor will the college reinstate students into majors in which they have twice failed to complete a required course at ASU.

Remediation

Students are required to meet with an academic advisor if they are placed on probation, continuing probation, off-track status or are at risk for disqualification, at which point an appropriate remediation plan will be discussed.

Advising

The Student Success Hub in the College of Health Solutions is committed to maximizing the personal, social and academic experiences of students by providing high-quality, student-centered academic advising, ensuring the accuracy and accessibility of information and resources, and partnering with students to help them reach their career goals in health and the health care industry. Advisors are available to meet with students in each of the undergraduate programs in person, virtually, by email and by phone.

Academic advising is required for the following students:

1. All first-year and new transfer students are required to meet with an academic advisor prior to course registration.
2. Students not in satisfactory academic standing (i.e., probation, continuing probation, off-track status, disqualification, etc.) are required to meet with an academic advisor to discuss a remediation plan.

Faculty and staff utilize Academic Status Reports [9] to provide student feedback over the course of the academic semester. The ASRs may be used to identify students who are struggling academically or professionally or to recognize students who are doing well. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement.

In order to be successful in the College of Health Solutions, students are strongly encouraged to be proficient in the basic concepts in writing, math and science. Students are encouraged to use the following resources.

Tutoring and academic support

Student Success Centers, located on all ASU campuses, offer free academic support resources for all students including:

- tutoring [10] — In-person and online tutoring options are available.
- writing support [11] — Students may receive help with a class writing assignment, a resume and all other writing needs, from structuring a paper to proofreading.
- structured study groups [12] — Classmates get together to discuss concepts, compare notes and share strategies.

ASU Libraries, located on all ASU campuses, offer free online and in-person research support for all students including:

- subject librarians [13] — Research experts in each major are available to work one-on-one, and students are encouraged to make an appointment.
- ask a librarian [14] — Students receive help via chat (24/7), email, phone or by visiting one of the library information desks.
- library guides [15] — Quick access to the best library resources is available online for specific majors, subjects and courses.

Career services

ASU Career and Professional Development Services [16] offers students, alumni and employers services on four university campuses across the Phoenix metropolitan area. Each location offers services such as career advising, interview and resume preparation, class and group presentations, on-campus recruitment and interviewing space, and recruitment and networking events.

Credit/registration

For fall or spring semesters, a minimum full-time course load for an undergraduate student is 12 credit hours. The maximum course load for which a student may register is 18 credit hours during a fall or spring semester, with a maximum of nine credit hours in session A and B, and the load limit may not exceed a total of 18 credit hours for any combination of sessions. A student wishing to register for more than the maximum must petition the college standards committee [17] and must obtain an approved overload prior to registration. The summer session credit hour load limit is seven credit hours for each six-week session and nine credit hours for the eight-week session, and the load limit may not exceed a total of 14 credit hours for any combination of sessions.

Graduate credits earned by undergraduate students

ASU undergraduate students who have achieved senior status (cannot be postbaccalaureate) with a cumulative GPA of 3.00 or greater may count up to 12 graduate-level credit hours with grades of "B" or better that were not used toward a previous degree toward their graduate degree at ASU (preadmission credit hours) with the approval of the degree program and the Graduate College. Preadmission credits must have been taken within three years of admittance to the ASU degree program to be accepted.

Accelerated bachelor's/master's degree programs may use a maximum of 12 preadmission credits which may include up to a maximum of 12 credit hours shared between the programs. Students in accelerated programs should contact their advisor to ensure proper sharing of credit hours. If a student has been accepted to an accelerated degree program, they do not have to petition the standards committee to take the shared courses.

Before registering for a graduate-level course, undergraduate students must petition [17] the College of Health Solutions Academic Standards and Grievance Committee through their academic advisor for permission to enroll in a specific course.

Degree requirements

Concurrent degrees

Students at Arizona State University are permitted to pursue concurrent degrees as long as they meet the requirements for both programs and receive permission in advance from the colleges offering their chosen majors. For example, a student in the clinical exercise science degree program may also petition to pursue a degree in Spanish. A student interested in pursuing a concurrent degree may petition the College of Health Solutions Standards Committee if both degrees are offered by this college. If the second degree is offered by another college, the standards committees of both colleges must be petitioned separately.

Students earn a separate diploma for each degree. Degrees may not be too closely related.

Minimum requirements

1. sophomore standing or higher
2. minimum GPA of 3.00
3. minimum of 12 credit hours of coursework completed in the first major
4. minimum of nine credit hours of coursework completed in the second major
5. minimum of 30 unique credit hours of coursework in each major

In order to begin the process in the College of Health Solutions, students must petition [17] the college's Academic Standards and Grievances Committee.

Reinstatement/readmission

Disqualified students must follow ASU procedures for readmission [18]. Readmitted students are required to meet with a College of Health Solutions academic advisor prior to course enrollment. Exceptions may apply, including for students on leaves of absence and students who serve in the military. The college will not reinstate a student into any major that is meant to prepare students for professional school or professional credentialing nor will the college reinstate students into majors in which they have twice failed to complete a required course at ASU.

Special considerations

Medical or compassionate withdrawals

Medical or compassionate withdrawals are available for students needing to withdraw from a semester due to a personal mental or physical health condition or the death or serious illness of a close family member. More information concerning medical or compassionate withdrawal requests can be found on the Medical and Compassionate Withdrawal Request Policy [19] page. Students must meet specific criteria for a medical or compassionate withdrawal and must be able to provide the college's medical or compassionate withdrawal designee with supporting documentation. Students who are eligible or have questions about eligibility are encouraged to meet with their academic advisor.

Military

Students with military or veteran status should utilize the Pat Tillman Veterans Center [20].

Americans with Disabilities Act (ADA)

The College of Health Solutions is supportive of and compliant with the Americans with Disabilities Act. Reasonable accommodations will be made for qualified students. Reasonable accommodation is defined as the provision of an auxiliary aid or modification to the course or program which will allow access to the job duties, the educational process, program and degree, or activity. Students are encouraged to visit Student Accessibility and Inclusive Learning Services [21].

> The Americans with Disabilities Act (ADA) 1990 provides comprehensive Civil Rights protection and is designed to remove barriers which prevent persons with disabilities from accessing the same educational and employment opportunities as persons without disabilities. The law also provides access to public accommodations, state and local government services, transportation, and telecommunications. The Americans with Disabilities Act also prohibits discrimination against a qualified individual with a disability with regard to admission to educational institutions or vocational training programs (public or private); employee compensation; job training; and other terms, conditions and privileges of employment.

Students must fulfill all requirements of their individual programs to remain in good academic standing and abide by all university policies including those of the Graduate College (if applicable) and the College of Health Solutions.

Title IX policy

Title IX of the Education Amendments of 1972 protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. Sexual harassment, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. ASU does not discriminate on the basis of sex in the employment, education programs or activities it operates. ASU and the College of Health Solutions are committed to providing an environment free from discrimination based on sex and provide a number of resources and services to assist students, faculty and staff in addressing issues involving sex discrimination, including sexual violence. Victims of sexual violence, sexual harassment, stalking and relationship violence are encouraged to seek support and report the incident.

Graduate policies

Academic integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Academic Integrity Policy [1] is strictly enforced for students found in violation. Possible sanctions could include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. For more information, students should refer to the specific graduate program handbook.

Academic standing

Each graduate program in the College of Health Solutions adheres to specific academic requirements. Students are strongly encouraged to become familiar with the expectations listed in their respective graduate program handbook.

Academic advising

It is important for graduate students in the College of Health Solutions to cultivate the following skills in their development as a health professional:

1. Proactively identify problems and possible solutions.
2. Accept feedback in a positive manner.
3. Modify performance in response to feedback.
4. Communicate with others in a respectful and confident manner.
5. Assume responsibility for learning.

Academic advising at the graduate level is facilitated by graduate support staff [22] in the Student Success Hub.

Faculty advisors meet with students in the academic area of concentration.

Special considerations

Medical or compassionate withdrawals

Medical or compassionate withdrawals are available for students needing to withdraw from a semester due to a personal mental or physical health condition or the death or serious illness of a close family member. More information concerning medical or compassionate withdrawal requests can be found on the Medical and Compassionate Withdrawal Request Policy [19] page. Students must meet specific criteria for a medical or compassionate withdrawal and must be able to provide the college's medical or compassionate withdrawal designee with supporting documentation. Students who are eligible or have questions about eligibility are encouraged to meet with their academic advisor.

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> The Americans with Disabilities Act (ADA) 1990 provides comprehensive Civil Rights protection and is designed to remove barriers which prevent persons with disabilities from accessing the same educational and employment opportunities as persons without disabilities. The law also provides access to public accommodations, state and local government services, transportation, and telecommunications. The Americans with Disabilities Act also prohibits discrimination against a qualified individual with a disability with regard to admission to educational

institutions or vocational training programs (public or private); employee compensation; job training; and other terms, conditions and privileges of employment.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and abide by all university policies including those of the Graduate College and the College of Health Solutions.

Title IX policy

Title IX of the Education Amendments of 1972 protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. Sexual harassment, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. ASU does not discriminate on the basis of sex in the employment, education programs or activities it operates. ASU and the College of Health Solutions are committed to providing an environment free from discrimination based on sex and provide a number of resources and services to assist students, faculty and staff in addressing issues involving sex discrimination, including sexual violence. Victims of sexual violence, sexual harassment, stalking and relationship violence are encouraged to seek support and report the incident.

Source URL: https://catalog.asu.edu/policies/chs

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity
[3] https://www.asu.edu/aad/manuals/acd/acd401.html
[4] mailto:titleixcoordinator@asu.edu
[5] https://www.asu.edu/reportit/
[6] https://catalog.asu.edu/glossary#goodstanding
[7] https://catalog.asu.edu/glossary#warning
[8] https://eadvisor.asu.edu/
[9] https://students.asu.edu/asrr
[10] https://tutoring.asu.edu/student-services/tutoring
[11] https://tutoring.asu.edu/student-services/writing-centers
[12] https://tutoring.asu.edu/student-services/studygroups
[13] http://lib.asu.edu/librarians
[14] http://lib.asu.edu/help
[15] http://libguides.asu.edu/
[16] https://career.asu.edu/
[17] https://students.chs.asu.edu/advising/forms-and-policies
[18] https://admission.asu.edu/undergrad/readmission
[19] https://students.asu.edu/forms/medical-compassionate-withdrawal-request
[20] https://veterans.asu.edu/
[21] https://eoss.asu.edu/accessibility
[22] https://graduate.chs.asu.edu/academic-support/contacts

Honors - Barrett, the Honors College policies

Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett, the Honors College. Each candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett deadlines.

Applicants are evaluated on the basis of their academic records, high school class ranking within their graduating class, and their performances on the SAT or ACT. The college also values students who have special talents and aptitudes, exhibit exceptional leadership qualities, have unusual life experiences and display significant community involvement. High school GPAs used in the evaluation process are calculated in accordance with the Arizona Board of Regents competency requirements, pursuant to ABOR Policy 2-121 [1].

The Barrett admission application and additional information about the college and its activities are available at https://barretthonors.asu.edu [2].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [4], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [5].

Undergraduate policies

Advising

Barrett students have advisors in their major, an assigned Barrett honors advisor [6], and faculty honors advisors in departments throughout the university. Students are encouraged to stay in regular contact with all these resources and are required to complete mandatory advising sessions with their Barrett honors advisor during the first, second and third year of study. To schedule an appointment with a Barrett honors advisor, students should call 480-965-9155 (Tempe campus), 602-496-1757 (Downtown Phoenix campus), 480-727-5539 (Polytechnic campus) or 602-543-3410 (West campus).

Students can review honors opportunities in majors at https://barretthonors.asu.edu [7]. There are also special prelaw and prehealth advising opportunities for Barrett students. Students should contact the Barrett advising office for more information.

Degree requirements

Barrett academic course requirements

Honors students must maintain high standards of academic performance and show progress toward completion of graduation requirements in their disciplinary majors and in Barrett.

In order to graduate from Barrett, students must complete the following, which includes 36 credit hours of honors coursework:

1. HON 171 The Human Event and HON 272 The Human Event must be completed in sequence during a student's first two semesters in the college.
2. Thirty additional credit hours of honors coursework must be earned with a letter grade of "C" (2.00) or higher. This may include HON prefix classes, honors sections of classes, honors enrichment contracts, internship and research credit, honors study abroad programs, and graduate level coursework.
3. Included in the 36 credit hours of honors coursework are at least 18 hours of upper-division or graduate-level honors credits for an earned letter grade of "C" (2.00) or higher, including six credit hours of honors coursework outside the academic major. Students should investigate specialized honors, upper-division tracks within their majors.
4. Those admitted as upper-division transfer students (students who, after high school, completed 48 university credits by the time of planned enrollment in Barrett) must complete HON 370 History of Ideas and 18 credit hours of upper-division honors coursework, six credits of which must be outside the academic major. Upper-division transfer students are required to complete 21 credit hours of upper-division honors coursework.
5. Students are required to complete an honors thesis or creative project that will earn them a maximum of six credit hours. These credit hours will be included in the 18 required hours of upper-division honors coursework. The honors thesis or creative project is launched with a prospectus that is due one academic semester before the defense. Prior to enrolling for credit for a thesis or for creative project work, students must complete a required preparatory workshop or course. The final copy of the honors thesis or creative project must be filed by the posted deadline during the student's graduation semester.
6. ASU graduation requirements in an academic major must be met.
7. Students must earn a cumulative GPA of 3.25 or higher by graduation.

Barrett course requirements may be met in a variety of ways. Only courses in which a student receives a grade of "C" (2.00) or higher may be used to meet Barrett requirements.

Those entering the college as lower-division students may take as many as 18 lower-division honors credits, which include HON 171 The Human Event and HON 272 The Human Event, and at least 18 upper-division credits (total honors credits must be 36). HON 171 and HON 272 are transdisciplinary seminars that acquaint students with ideas that form the foundation of a university education and emphasize critical thinking, discussion and writing.

Those who enter as upper-division students must take 21 upper-division honors credits, including HON 370 History of Ideas taught by an Honors Faculty Fellow. This seminar course introduces students to critical thinking, discussion and writing in a topical area chosen by the instructor. All students are expected to complete this course during the first semester upon entering Barrett.

Departmental honors-only courses are limited to honors students. Enrollment in these courses is limited. Compared to their nonhonors equivalents, these courses are designed to offer a richer, more complex intellectual experience appropriate to the discipline and the level of the course for all students enrolled. Other disciplinary honors courses group honors students in small cohorts to work on research projects of common interest.

Honors enrichment contracts are available in many departmental courses, allowing honors students to contract with the instructors of designated non-honors courses to earn honors credit by pursuing enrichment activities, which include supplemental sessions with the instructor. Honors enrichment contracts must be filed during the first four weeks of class and be completed during the semester in which the course is offered. The enrichment contract form offers guidelines to aid students and faculty in developing appropriate contracts.

Courses reserved for students in Barrett and that always count for honors credit are those listed in the online ASU Class Search and Course Catalog [8] as course numbers 492 Honors Directed Study, 493 Honors Thesis, and 497 Honors Colloquium; all classes with the HON prefix; and those with a departmental prefix that carry the honors designation.

Departmental courses numbered 492 and 493 are reserved for honors students completing their honors thesis or creative project. A student may enroll for these courses only with approval from the sponsoring academic department and the faculty member who serves as the student's thesis or creative project director. Course numbers listed in the ASU schedule of classes as 493 fulfill the student's upper-division literacy and critical inquiry (L) General Studies requirement.

Specific courses carry automatic honors credit. These include ACT 310 Mathematics of Finance, ACT 430 Mathematics of Financial Derivatives, CHE 211 Introduction to Chemical Processing, CEE/CNE 212 Engineering Mechanics II: Dynamics, CEE 486 Integrated Civil Engineering Design, CPI 310 Web-Based Information Management Systems, CSE 230 Computer Organization and Assembly Language Programming, EEE 230 Computer Organization and Assembly Language Programming, ENG 105 Advanced First-Year Composition, FSE 104 EPICS Gold Feasibility and Planning, FSE 150 Perspectives in Grand Challenges for Engineering, GRK 101 Elementary Ancient Greek, LAT 421 Roman Literature, PHY 201 Mathematical Methods in Physics I, and PHY 333 Electronic Circuits and Measurements. Graduate courses, 500 level and above, taught in an in-person format automatically earn honors credit.

For a full list of honors courses, including those that carry automatic honors credit, students should visit the Barrett Signature Courses webpage [9] and review the Honors Courses document.

Source URL: https://catalog.asu.edu/policies/barrett

Links:
[1] https://public.azregents.edu/Policy Manual/2-121-Undergraduate Admission.pdf
[2] https://barretthonors.asu.edu/
[3] https://www.asu.edu/aad/manuals/acd/acd401.html
[4] mailto:titleixcoordinator@asu.edu
[5] https://www.asu.edu/reportit/
[6] https://barretthonors.asu.edu/academics/advising-and-requirements
[7] https://barretthonors.asu.edu/
[8] https://webapp4.asu.edu/catalog/
[9] https://barretthonors.asu.edu/academics/honors-courses-and-contracts/signature-courses

College of Integrative Sciences and Arts policies

The College of Integrative Sciences and Arts provides students throughout the university with the knowledge and skills to comprehend and effectively engage the changing world of the 21st century at local, national and global levels. The college offers graduate and undergraduate degree programs that prepare students for a rapidly changing marketplace and offers foundational instruction in humanities, social sciences, mathematics, sciences and professional fields.

Academic integrity

Academic honesty is expected of all students in all examinations, papers, projects, partnerships, internships, academic transactions and records. Possible sanctions include appropriate grade penalties, loss of registration privileges and disqualification. The College of Integrative Sciences and Arts adheres strictly to the ASU Academic Integrity Policy [1], and all concerns related to academic integrity must be reported to the college's academic integrity officer.

To learn more about academic integrity for CISA students or to report a concern, students should visit https://cisa.asu.edu/academic-integrity/students# [2].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, Students should email titleixcoordinator@asu.edu [4], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [5].

Undergraduate policies

Academic standing

To be considered in academic good standing in the College of Integrative Sciences and Arts, students must achieve a cumulative GPA of 2.00 or higher.

Academic warning

Students who do not achieve a 2.00 GPA at the completion of their first term of study will be placed on academic warning. Upon the completion of a second term, students who achieve a cumulative GPA of 2.00 or higher will be placed in university good standing. Students who do not achieve a cumulative GPA of 2.00 or higher after the completion of a second term will be placed on university academic probation.

Probation

Students who do not achieve a 2.00 GPA will be placed on university academic probation and must meet with an academic success advisor to discuss academic success strategies. Students on academic probation will be required to take UNI 220 Mindset Connections. UNI 220 will appear on the students' DARS as a graduation requirement.

Within one semester, a student on academic probation must do either of the following:
1. Achieve a cumulative ASU GPA of 2.00 or higher, to return to academic good standing.
2. Obtain a semester GPA of 2.00 or higher, to be continued on probation. Students on continued academic probation may continue for as many semesters as needed to achieve academic good standing.

Disqualification

Students who fail to meet the criteria for continued probation may be disqualified from ASU. Students who have been disqualified may attend summer sessions but not fall or spring sessions.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation will have one semester to raise their cumulative or semester GPA to meet ASU academic good standing (2.00). Failure to do so will result in disqualification from the university.

Academic policy appeals

Academic appeals regarding college policies or other variances or exceptions should be discussed with the student's academic success advisor, and students may be required to submit a College of Integrative Sciences and Arts Standards Committee petition. Some petitions may require a secondary review by the ASU University Undergraduate Standards Committee. For more details, students should visit the Integrative Sciences and Arts standards and petitions [6] website.

Academic advising

All students are encouraged to seek advising from their academic success advisor prior to registration. Students must review the academic calendar [7] each semester for information and deadlines pertaining to enrollment including course adds, drops and withdrawals.

The ASU academic catalog is the governing source for all degree requirements. Students are expected to read the requirements for university general studies, college graduation and major degree requirements.

Advising Information: https://cisa.asu.edu/advising [8]

Mandatory advising

The following students in the College of Integrative Sciences and Arts must receive advising clearance prior to course registration:

- new students in their first semester of attendance
- readmitted students in their first returning semester
- students on academic probation or continued probation
- students who have been disqualified
- students who are off track for graduation

Students are encouraged to use My ASU [9] to check their advising status requirements each semester before attempting any registration transactions.

Credit/registration

Students enrolling in courses offered by the College of Integrative Sciences and Arts are expected to follow the rules and deadlines specified in this catalog and the current registration and tuition payment guide. Students are encouraged to meet with their academic success advisors prior to registration.

Course load

Students may enroll in a maximum number of 18 credit hours per fall or spring semester, with a maximum number of nine credits taken in session A or Session B. Students may enroll in a maximum of 14 credit hours for a summer session, with no more than seven credits in session A or B. Students may enroll in a maximum of nine credit hours for the summer session C (eight weeks).

Any student wishing to enroll in more than the 18 credit hour limit in the fall or spring (or 14 in summer) or more than the nine credit hour limit in an A or B session (or seven hour limit in summer) should first meet with their academic success advisor to discuss a course overload. Some overload requests may require College of Integrative Sciences and Arts standards petition approval.

For more details on credit hour limits, students should visit https://catalog.asu.edu/course_load [10]. More details on the petitioning process are available at https://cisa.asu.edu/standards_petitions [6].

Repeat/replace policy

Students wishing to repeat courses and possibly replace prior course grades must follow the repeat/replace policy [12] stated in the University Student Services Manual [11] regarding the number of credit hours that can be repeated and the types of courses that are eligible for a grade replacement.

Students wishing to repeat a course for a third time must petition the College of Integrative Sciences and Arts Standards Committee.

Pass/fail grade options

A satisfactory grade of "Y" contributes to a student's earned hours but does not affect the GPA. A failing grade of "E" is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:
- Approval has been granted from the instructor and college offering the course.
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the drop/add period.
- A maximum of 12 hours taken for pass/fail may be counted toward graduation.

College of Integrative Sciences and Arts students may not enroll under the pass/fail option in the following courses:
- first-year composition requirements
- major, minor, concentration area, or certificate program
- honors credits
- language proficiency requirements
- general studies requirements

Audit grade option

Students may choose to audit certain courses in which they attend regularly scheduled class sessions but earn no credit. Students should obtain instructor approval before registering for the courses. The option to audit is not available for all courses. This grade option may not be changed after the drop/add period.

Degree requirements

All candidates for graduation are required to complete at least 120 credit hours, of which at least 45 hours must consist of upper-division courses. A minimum ASU cumulative GPA of 2.00 is required for graduation. All new College of Integrative Sciences and Arts first-year students are required to enroll in an ASU 101 course during their first ASU semester.

Minors

The college offers minors in many of its disciplines. All minors must entail a minimum of 15 credit hours in the discipline, with at least 12 of those hours as upper-division courses.
- Six of the upper-division credit hours must be taken from courses offered by the College of Integrative Sciences and Arts.
- Students may not use courses in their minors toward major core requirements and, similarly, students may not use courses in their major core requirements to fill the requirements of their minors. Students should see an academic success specialist for more details.
- Some disciplines are too close in content for a student to choose a particular combination of minor and major.

Concurrent degrees

The college allows students to request approval from the college to pursue a concurrent degree if they have completed at least 30 graded credit hours with a minimum GPA of 2.50. Concurrent degrees may not be from the same discipline or have overlap in the courses required for each major. Students must earn at least 30 unique credit hours for each degree.

To request a concurrent degree, students must meet with an academic success advisor in each degree program and complete a College of Integrative Sciences and Arts Standards Petition form available at https://cisa.asu.edu/standards_petitions [6].

Critical and necessary requirements

All undergraduate majors at ASU provide an eight-term course plan (major map) leading to four-year graduation. College of Integrative Sciences and Arts students must meet the critical and necessary requirements listed on their major maps.

A student who does not comply with the critical requirements is off track and will have a hold placed on their record preventing enrollment. To remove the enrollment hold, the student will be required to meet with a College of Integrative Sciences and Arts academic success advisor to discuss their progression toward graduation. For more information about critical requirements, students should refer to the corresponding major map or eAdvisor [13].

Readmission

Students who have been disqualified from ASU may be readmitted to the College of Integrative Sciences and Arts for a fall or spring semester if they complete either of the following:

1. Achieve a cumulative ASU GPA of 2.00 by taking ASU summer session courses.
2. Complete 12 or more transferable credit hours at a community college or university with no grade lower than a "C" and a GPA of 2.50 or better. Courses in which the student failed or received a "D" at ASU should not be repeated at another institution.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation will have one semester to raise their cumulative or semester GPA to meet the required 2.00 GPA to remain at ASU. Failure to do so will result in disqualification from the university.

Graduate policies

Students should review graduate policies at https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals [14].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those established by the Graduate College and the College of Integrative Sciences and Arts.

Source URL: https://catalog.asu.edu/policies/sls

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://cisa.asu.edu/academic-integrity/students
[3] https://www.asu.edu/aad/manuals/acd/acd401.html
[4] mailto:titleixcoordinator@asu.edu
[5] https://www.asu.edu/reportit/
[6] https://cisa.asu.edu/standards_petitions
[7] https://students.asu.edu/academic-calendar
[8] https://cisa.asu.edu/advising
[9] https://webapp4.asu.edu/myasu/
[10] https://catalog.asu.edu/course_load

[11] http://www.asu.edu/aad/manuals/ssm/index.html

[12] http://www.asu.edu/aad/manuals/ssm/ssm203-06.html

[13] https://eadvisor.asu.edu/

[14] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

New College of Interdisciplinary Arts and Sciences policies

The New College of Interdisciplinary Arts and Sciences offers interdisciplinary programs built upon the foundation of disciplines such as English, history, philosophy, psychology, forensic psychology, social justice and human rights, sociology, communication, mathematics, biology and statistics. Through unique combinations and innovative partnerships, the college offers many diverse degrees, among them forensic science, applied computing, Latin American studies, interdisciplinary arts and performance, conflict resolution, and political science. New College degrees provide students with 21st century skills, allowing them to contribute meaningfully to solving the most critical and complex challenges of today and tomorrow. Students are prepared to steward sustainable societies that incorporate ethics and a respect for human rights, a regard for the environment, and an appreciation of culture and language while at the forefront of innovation in science and technology.

For more information, students should visit the New College [1] website.

Academic integrity

The New College of Interdisciplinary Arts and Sciences adheres to ASU's Student Academic Integrity Policy [2]. At Arizona State University, academic honesty is expected of all students in all examinations, papers, assignments, academic transactions and records. If academic integrity is compromised, possible sanctions include grade penalties, loss of registration privileges, failure of course, disqualification and dismissal from the university. For information on the New College Academic Integrity Policy, students should visit https://newcollege.asu.edu/integrity [3].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [4].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [5], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [6].

Undergraduate policies

Academic standing

New College students must achieve a cumulative GPA of 2.00 in order to be considered in good academic standing at ASU. Students with a semester or cumulative GPA of less than 2.00 are placed on academic probation and are required to meet with an advisor to effectively plan academic progress toward graduation. Further information is available at https://catalog.asu.edu/retention_standing [7].

Advising

All students in the New College of Interdisciplinary Arts and Sciences are expected to meet with their academic advisors regularly, especially prior to course enrollment each semester.

To ensure students are making timely progress toward degree completion, advising may be required for the following:
- newly admitted students
- first-year students
- students on academic probation
- students off-track for eAdvisor tracking requirements

Advising information for New College is available at https://newcollege.asu.edu/college-advisor [8].

For eAdvisor tracking and other general academic program information, students should see https://students.asu.edu/academics [9].

Credit/registration

Audit grade option

Students may choose to audit a course, allowing them to attend classes but not earn credit. Students must obtain instructor approval prior to enrollment: https://students.asu.edu/grades [10]. This grade option may not be changed after the drop/add period.

The audit option may be used under the following conditions:

- Approval has been granted from the instructor and college offering the course.
- The audit option is chosen during initial registration for the course.

Course load

Students are limited to a maximum of 18 credit hours per term. Enrollment in additional credit hours requires completion of an overload request form and approval from the college academic advisor. https://newcollege.asu.edu/advising/forms [11]

Course prerequisites

Course prerequisites are established to ensure student success in a course. Students must complete all course prerequisites prior to enrolling in the desired course. Prerequisite overrides may be granted under the following conditions:

- A transfer course has been accepted by an advisor to fulfill required course prerequisite.
- A prerequisite override has been granted by an advisor.

Grade of incomplete

A grade of incomplete for a course may be granted by permission of the instructor under the following conditions:

- The student is in good standing academically at ASU.
- The student has completed a majority of the required coursework.
- The student has experienced extenuating circumstances prior to the end of the semester, preventing completion of the course.

Students can download the Incomplete Grade Request form at https://students.asu.edu/forms/incomplete-grade-request [12].

Pass/fail grade option

The "P" grading option is used to indicate a passing grade in a class when an individual student receives permission from both the class instructor and their college or school. If the student earns a "P" grade, they will earn credit hours, but the grade is not used for computing the GPA. If requirements for the "P" grade are not met, a "E" grade (failing) is applied. The failing grade of "E" is calculated into the GPA. The "P" grade does not meet requirements where a "C" or better is required.

For further information about this ASU grading option or to determine how a "P" or "Y" grade transfers from another institution, students should contact their advisor.

The pass/fail grade option may only be used under the following conditions:

- The pass/fail option is available for the specific course.
- Approval has been granted by the instructor and the college offering the course, prior to the start of class.
- The pass/fail option was chosen during initial registration for the course, if available.

New College students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy first-year composition requirements
- those taken from the student's major, minor or certificate program
- those counted toward satisfying New College General Studies requirements
- those counted toward satisfying New College proficiency requirements in math or language and cultures
- those requested after the start date of the class

Satisfactory ("Y") grade option

The "Y" grade is generally used as a grade for successfully completed internships, projects, readings and conference, research, seminars, theses, dissertations and workshops. Students earn credit hours for a "Y" grade, but the grade is not used for computing the GPA. If requirements for the "Y" grade are not met, a failing grade ("E") is applied. The failing grade of "E" is calculated into the GPA. The "Y" grade may meet requirements where a "C" or better is required. However, there may be some exceptions. For more information about the "Y" grade option, students should contact their academic advisor.

The "Y" grade option only may be used under the following conditions:

- The "Y" grading option is available for the specific course.
- Approval has been granted by the instructor and the college offering the course, prior to the start of class.
- The "Y" grading option was chosen during initial registration for the course, if available.

Academic (grade) grievance policy

The following steps must be followed by any student seeking to appeal a grade. This process does not address academic integrity allegations or faculty misconduct.

Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring), regardless of whether the student is enrolled at the university.

There are two stages to the grade grievance process: the informal process and the formal process. Each process contains a series of steps.

Informal process

Step 1: An aggrieved student must first confer with the instructor; the student must state the reasons for questioning that the grade received was not given in good faith. The instructor must review the matter, explain the grading procedure used and explain how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course.

Step 2: If the grading dispute is not resolved in Step 1, the student may appeal to the school academic director or designee within the school offering the course. The school director or designee may confer with the instructor to handle the problem. In most instances, the grievance procedure can be resolved with Steps 1 or 2 and does not go beyond this level.

Step 3: If the matter is not resolved to the student's satisfaction after completing Steps 1 and 2, the student may then confer with the dean's designee at 602-543-7000, who will review the case and explain the formal process to the student. If still unresolved, the student may proceed to the formal process.

Formal process

Step 4: No later than ten business days after meeting with the dean's designee, the student must provide a written statement stating the evidence, if any, and reasons for determining the grade received was not given in good faith. Supporting materials should be attached as exhibits to the statement.

Step 5: The dean's designee will provide the student's statement (with any exhibits) to the instructor and request the instructor to respond to the dean's designee within 10 business days.

Step 6: When the official, written response is received from the instructor, the dean's designee will contact the student, who can then schedule an appointment to review the instructor's response. After reviewing the instructor's response, the student may submit a written request for a hearing before the New College of Interdisciplinary Arts and Sciences Grievance Committee. This written request for hearing must be submitted no later than 10 business days after the dean's designee notifies the student that the instructor's response was received. The committee is a regular committee and meets monthly, as necessary, during the fall and spring terms when classes are in session. The dean's designee serves as a nonvoting, ex-officio member of the committee.

Step 7: The committee will meet with the student and the instructor in an attempt to resolve differences. In order to preserve the confidential nature of the grade grievance process and to protect the privacy interest of those involved, the hearing will be closed to the public. The committee chairperson will preside at the hearing and will rule upon all procedural matters. A student who fails to appear or refuses to participate at the hearing will be deemed to have abandoned the request for a hearing, unless the student can demonstrate that extraordinary circumstances prevented his/her appearance or participation.

Step 8: After all parties have been heard, they will be excused and the committee will deliberate in closed session. Upon reaching consensus, the committee chairperson will submit their recommendation to the dean of the New College of Interdisciplinary Arts and Sciences. The dean will review the report and make a final determination regarding the appropriate course of action. The dean's office will inform the student, instructor, school director, registrar, and grievance committee in writing of the decision. The dean's decision is final.

It is university policy that students filing grievances and those who are witnesses are protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean's office in the New College of Interdisciplinary Arts and Sciences.

Transfer coursework

Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades less than "C" (2.00) transfer to ASU. Credits transferred from a community college or two-year institution are applied as lower-division credits. For a listing of the acceptable courses transferable to the various degree programs, prospective Arizona transfer students should consult their advisors and refer to the ASU transfer tools at https://admission.asu.edu/transfer [13].

Some courses taken from other ASU colleges or other universities may be acceptable for general university credit but may not be applicable toward the degree requirements of the schools. Determination of those particular courses applicable to a specific degree program is made within the appropriate academic unit.

Withdrawal

Complete session withdrawal information

Since a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, undergraduate students are required to connect with their academic advisor to facilitate the withdrawal process.

Students must complete the following steps and in the order shown here:

1. Review the Academic Calendar [14] for complete session withdrawal and tuition refund deadlines.
2. Log into MyASU [15].
3. Under the My Classes section, select Registration, followed by Drop/Withdrawal.
4. Indicate all the classes and sessions for the withdrawal, answer the required questions, and select Submit Withdrawal Request.

5. The request will be reviewed, and the academic advisor may contact the student for further discussion. If approved, the Complete Session Withdrawal request will be sent to the University Registrar's Office for processing.

Prior to requesting a complete session withdrawal, the student is encouraged to discuss a potential complete session withdrawal with an academic advisor. To schedule an appointment, students should call 602-543-3000. ASU has many resources in place to help students. Students may want to consider one or more of the following:

- **Withdraw from just one or more classes, not all (course withdrawal).** Students may withdraw from one or some of the classes in a session while remaining enrolled in other classes as long as the withdrawal is completed between the drop/add deadline and the course withdrawal deadline. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements. Students are also encouraged to contact a financial aid representative to consider any impact withdrawing will have on scholarships, grants and loan packages.
- **Request a medical or compassionate withdrawal.** A medical or compassionate withdrawal request [16] may be made in extraordinary cases in which serious illness or injury (medical) or another extraordinary personal situation such as a death in the family (compassionate) prevents a student from continuing their classes and incompletes or other arrangements with the instructors are not possible.. For information on the New College Medical/Compassionate Withdrawal policy and procedures, students should visit https://newcollege.asu.edu/advising/medical-compassionate-withdrawal [17].
- **Seek tutoring or academic support services.** The Student Success Center [18] provides a variety of services to help students become better learners and gain the confidence and skills they need in order to achieve their academic goals. Services include writing centers, math tutoring, subject area tutoring and supplemental instruction.
- **Make an appointment with ASU's Counseling Services.** Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers [19], regardless of their college affiliation.
- **Explore the possibility of an "I" (incomplete) grade.**

Possible consequences resulting from a complete session withdrawal:

- **Financial aid:** Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal from financial aid depends on the date of the withdrawal and the type of financial aid. Students should see the Financial Aid and Scholarship Services [20] website for more information.
- **Tuition and refunds:** By registering for classes, students agree to pay all applicable tuition and registration fees. Students are required to pay all tuition and fees for any registered course unless enrollment is officially cancelled during the 100% refund period. For more information, students should visit the ASU Tuition Refund Policy [21].
- **Health insurance:** Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- **University housing:** Students who live on campus should contact their residential hall community staff to determine what impact withdrawing will have on their eligibility to live on campus and to complete a license agreement release form and arrange an appointment to officially check out. For more information, students should see https://housing.asu.edu/housing-resources/license-agreements/release [22].
- **Veteran benefits and certifications:** Students should contact the appropriate veteran benefits and certifications office to discuss information regarding veterans' educational benefits and military activation. For more information, students should send an email to w.westvso@asu.edu [23] or visit https://veterans.asu.edu [24].

Procedures for general university withdrawal are at https://students.asu.edu/drop-add [25].

Degree requirements

All candidates for graduation in the BA, BS and BAS curricula are required to present at least 120 credit hours, of which at least 45 credit hours must consist of upper-division work. A minimum cumulative GPA of 2.00 is required for graduation. Students must complete a New College residency requirement of a minimum of 12 credit hours of upper-division (300- and 400-level) coursework from the school housing the student's major.

It is the student's responsibility to be aware of the degree program requirements and to select courses accordingly.

To graduate, a student must satisfy the following requirements:

- NEW 101 or equivalent (first-year students)
- IAS 300 (transfer students)
- college proficiency requirements for language and cultures and for mathematics
- university first-year composition and General Studies [26] requirements
- major requirements that involve concentrated coursework in one program
- successful completion of critical-tracking courses as required on the student's major map

Information on critical tracking and eAdvisor tools, such as the student's major map, is available at https://eadvisor.asu.edu [27].

Proficiency requirements

Each student is required to demonstrate proficiency in the analysis of language and cultures and also mathematics by passing an examination or by completing the courses specified below with a grade of "C" (2.00) or better in each course. Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and cultures

This requirement may be satisfied through one of the following:

- completion of secondary education at a school in which the language of instruction is not English
- completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country
- completion of six credit hours of upper-division courses that have a global awareness designation (G) or cultural diversity in the U.S. designation (C) in addition to the courses used to meet the university General Studies requirements
- completion of two sequential semesters of coursework in a current computer language

Students may obtain information about applicable coursework through the college advising office.

Mathematics

Students are required to complete MAT 142 or any MAT course for which MAT 117 or a higher-level MAT course is a prerequisite.

Major requirements

Each student is required to select a major from among the programs offered by the New College of Interdisciplinary Arts and Sciences.

All candidates for graduation for bachelor's degrees in New College are required to complete at least 120 credit hours of which at least 45 credit hours must consist of upper-division courses. A minimum cumulative ASU GPA of 2.00 is required for graduation.

No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject field of the major unless the grade in that course is at least a "C" (2.00). Normally, a passing grade ("Y", for satisfactory) needs confirmation that it is equivalent to a "C" (2.00) or better.

General electives

Upon completion of all other requirements, the remainder of the minimum 120 credit hours required for graduation is general electives. Students should contact college advisors for assistance in selecting elective courses.

Concurrent degrees

Students in the New College of Interdisciplinary Arts and Sciences are eligible to seek concurrent degrees. Concurrent degrees with significant course overlap may not be approved.

Students are eligible to pursue a concurrent degree when the following criteria have been met:

- Students must be in good standing with a cumulative GPA of 2.00 or higher.
- Students must have completed 30 credit hours in their first program of study.
- Students must complete 30 credit hours unique to each program.
- Students may connect with advising to determine appropriate combinations.

To be approved to pursue a concurrent degree, students must file a Petition to Pursue Concurrent Degree form available at https://newcollege.asu.edu/advising/forms [11].

Minors

New College offers minors in many of its disciplines. All minors require a minimum of 15 credit hours in the discipline with at least nine of those hours completed as upper-division coursework. Six of the upper-division hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Courses used in the minor may not be used in the student's major program. https://catalog.asu.edu/index.php?q=minors [28]

Readmission

Undergraduate degree-seeking students having previously attended ASU but not enrolled at ASU for no more than seven consecutive semesters are eligible to return through quick re-entry. These students are not required to submit a new application or application fee but must contact an academic advisor in their school to enroll.

Undergraduates who have been away from the university for seven or more semesters and want to return to ASU in a New College program are required to apply for readmission through Admission Services; more information is available on the Admission Services website. https://admission.asu.edu/undergrad/readmission [29]

Disqualified students must follow the procedures for readmission and will be reviewed by the college on a case-by-case basis.

Graduate policies

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Graduate students should review the New College Standards of Satisfactory Progress [30] and policies established by the Graduate College.

Source URL: https://catalog.asu.edu/policies/new_college

Links:

[1] https://newcollege.asu.edu/

[2] https://provost.asu.edu/academic-integrity/policy

[3] https://newcollege.asu.edu/integrity

[4] https://www.asu.edu/aad/manuals/acd/acd401.html

[5] mailto:titleixcoordinator@asu.edu

[6] https://www.asu.edu/reportit/

[7] https://catalog.asu.edu/retention_standing

[8] https://newcollege.asu.edu/college-advisor

[9] https://students.asu.edu/academics

[10] https://students.asu.edu/grades

[11] https://newcollege.asu.edu/advising/forms

[12] https://students.asu.edu/forms/incomplete-grade-request

[13] https://admission.asu.edu/transfer

[14] https://students.asu.edu/academic-calendar

[15] https://my.asu.edu/

[16] https://students.asu.edu/forms/medical-compassionate-withdrawal-request

[17] https://newcollege.asu.edu/advising/medical-compassionate-withdrawal

[18] https://tutoring.asu.edu/student-services/tutoring

[19] https://eoss.asu.edu/counseling/about-us/location-and-hours

[20] https://students.asu.edu/financial-aid

[21] https://students.asu.edu/tuition-refund-policy

[22] https://housing.asu.edu/housing-resources/license-agreements/release

[23] mailto:w.westvso@asu.edu

[24] https://veterans.asu.edu/

[25] https://students.asu.edu/drop-add

[26] https://catalog.asu.edu/ug_gsr

[27] https://eadvisor.asu.edu/

[28] https://catalog.asu.edu/index.php?q=minors

[29] https://admission.asu.edu/undergrad/readmission

[30] https://newcollege.asu.edu/sites/default/files/files/advising/documents/nc-satisfactoryacademicprogresspolicy_fall_2014_v.1.pdf

[31] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

Walter Cronkite School of Journalism and Mass Communication policies

The Walter Cronkite School of Journalism and Mass Communication has a student-centered culture focused on helping students complete their degrees in a timely manner. Students are encouraged to visit the school's website at https://cronkite.asu.edu [1] or contact its student services center at 602-496-5055 with questions about any of the school's policies.

Academic integrity

Academic dishonesty in any form will not be tolerated in the Walter Cronkite School of Journalism and Mass Communication. The crux of the school's democracy is the ability of citizens to obtain honest, truthful and balanced information, and the credibility and integrity of individual journalists and communications professionals are crucial in that effort. In light of the school's mission to prepare students to become journalists and communication professionals, it is critical that credibility and integrity are fostered within the educational environment of the school.

The school has zero tolerance for academic dishonesty; academic integrity is enforced within every course and educational activity offered or sanctioned by the school. Any allegation of academic dishonesty will be referred to an appointed academic integrity officer for investigation, with cases elevated to the school's standards committee for review and recommendation to the dean of the school. If any student is found to have engaged in academic dishonesty in any form — including cheating, plagiarizing and fabricating (see examples here [2]) — that student shall receive a grade of "XE" for the class and may face suspension or expulsion from ASU.

At the beginning of every class, every student must digitally sign their agreement to uphold the Walter Cronkite School of Journalism and Mass Communication commitment to academic integrity as well as the ASU Academic Integrity Policy [3] and the Student Honor Code [4]. This agreement indicates that each student has read and understood the terms of academic integrity violations and all potential sanctions. Full information on academic Integrity policies and procedures [5] can be found on the ASU provost site.

The school will notify the Graduate College if a graduate student is being recommended for dismissal from the school for having engaged in academic dishonesty.

Responsibilities related to academic integrity

Accuracy: Since accuracy is the most important aspect of journalism, students must adhere to rigid standards for all submitted work, regardless of the intent to publish. Any major error of fact, anything that would require a printed correction if the story were to appear in a newspaper — a misspelled proper name, an erroneous phone number, an incorrect address, a libelous statement or a misstatement of a major fact — will result in a grade of "E" (55 percent) on that assignment. Minor misspellings or errors of grammar will bring down the grade. Carelessness will cause students to lose points fast.

Attendance and makeup work: Students are expected to attend every class and arrive on time. Students who miss an in-class assignment, quiz or test will receive a zero. Excused absences are not given. Instructors may allow up to two absences for any reason or drop designated grades. Specific language regarding absences and makeup work are included in each syllabus.

Deadlines: Because deadlines are important in journalism, students are expected to meet class assignment deadlines. Late assignments, even late by a minute, will not be graded, and the student will receive a grade of zero for the assignment.

Diversity principles: The Walter Cronkite School of Journalism and Mass Communication practices inclusivity in student, staff and faculty populations in order to create an academic environment that embraces diversity of thought and acceptance of all people regardless of race, gender, age, sexual orientation or societal, political, cultural, economic, spiritual or physical differences. To this end, the school directs efforts to the following four principles:

- Actively seek out and encourage diverse populations to become productive members of the faculty, staff and the student body.
- Create and maintain a work, learning and social environment that is cognizant and supportive of a diversity of human differences and beliefs.
- Incorporate within the formal content of the curriculum and in each course an affirmation of the core journalistic values of accuracy, fairness, ethical behavior and sensitivity when reflecting an increasingly multicultural world.
- Foster and support a climate in which events and activities of the school reflect diversity of awareness, sensitivity to and support for people of different origins, orientations and abilities.

Student expectations: Students are expected to attend all classes for their full duration on the days and times and in the locations indicated on the class syllabus and My ASU, as well as examinations as noted by the ASU final exam schedule. If students experience events or extreme circumstances (e.g., natural disasters, regional emergencies, and extenuating personal circumstances such as a family death or emergent or chronic health issues), they must notify their instructor immediately. That instructor is obligated to report extreme or extenuating circumstances to the dean's office for coordination of student support.

ACEJMC values and competencies: As a member of the Accrediting Council on Education in Journalism and Mass Communication, the school is committed to classroom learning that achieves ACEJMC professional values and competencies. These include the core areas of freedom of speech, ethics, diversity, critical thinking, research, writing and use of tools and technologies related to the field. For a full list of ACEJMC values and competencies, students should see http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps [6].

Social media guidelines: It is important that students of journalism and communication know how to use social media ethically and professionally. The school has developed standards drawn from The Poynter Institute for Media Studies and the Society of Professional Journalists. Those guidelines may be found at https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines [7].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [8].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [9], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [10].

Undergraduate policies

Academic standing

Probation

All ASU students, freshman through senior, must maintain a minimum GPA of 2.00 for all courses completed at ASU. If this standard is not maintained, the student is placed on probation. Students on probation must see an advisor before further registration and must do one of the following:

1. Achieve an ASU GPA of 2.00 or greater in order to return to academic good standing.
2. Obtain a semester GPA of 2.50 with no grade less than a "C" in order to be granted one additional semester on continued probation. At the end of the continued probation, the student must return to academic good standing (a minimum cumulative ASU GPA of 2.00) to avoid disqualification.

Disqualification

Students who do not meet probation requirements are academically disqualified. Disqualified students should meet with their academic advisors. These students may attend ASU only during the summer session immediately following disqualification.

Journalism and mass communication and sports journalism majors: Students in these majors must maintain a minimum cumulative GPA of 2.50 for all courses completed at ASU in order to be in good standing in the major. Students who have a cumulative GPA less than 2.50 have one semester to raise their cumulative GPA to meet the requirement. Failing to raise the cumulative GPA to a 2.50 or greater results in them having to change their major from journalism and mass communication or sports journalism.

Mass communication and media studies and digital audience majors: Students in this major follow the university policies for GPA requirements, probation and disqualification [11].

Advising

Undergraduate students are assigned an advisor by the student's last name. Students should see the undergraduate advising page [12] for specifics.

To ensure students are making progress toward their degrees, the school encourages students to check in with their advisors each semester. Advising is mandatory for:

- first-time first-year students, both semesters their first year at ASU
- students who have completed 75 credit hours
- transfer students prior to enrolling for their first semester at ASU
- students on probation
- students who are off track in the major

ASU Online students are strongly encouraged to make an appointment with their respective advisors before enrolling for their first semester.

For additional information, students should contact the school's advising center at 602-496-5055.

Students should follow the sequence of courses outlined on major maps and online degree audits and contact their advisor with any questions. Critical requirements for first-year students in the school are available at https://cronkite.asu.edu/undergraduate-programs/ [13].

Credit/registration

Changes of major

Students are eligible to change their major if they meet the criteria below.

Journalism and mass communication and sports journalism degree programs: Current ASU students are eligible for admission if they have a cumulative GPA of at least 3.00 in 12 or more hours of credit earned at ASU in courses that can be used to satisfy the school's nonelective General Studies requirements.

Transfer students with at least 12 hours of academic credit earned after high school and at least a 3.00 cumulative GPA are eligible for admission.

Online mass communication and media studies, digital audience and digital media literacy degree programs: Current ASU students who have a cumulative GPA of at least 2.00 are eligible for admission. Prospective transfer students (not yet admitted to ASU) and ASU students who have a cumulative GPA less than 3.00 are encouraged to meet with a school advisor. To schedule a meeting, students should contact the advising center at 602-496-5055.

Transfer credit

Students may apply up to 64 credits of coursework from an accredited two-year institution to their degree. Students may apply up to nine credit hours of approved upper-division journalism coursework from a four-year ACEJMC-accredited institution to the school's journalism degree requirements. Students interested in having these courses reviewed should provide detailed syllabi and course schedules to the school's academic standards committee. Students should see their academic advisors for assistance.

Degree requirements

All students must meet the critical requirements for their majors. Students who are required to follow eAdvisor tracking requirements and do not comply with the critical requirements are off track, and a hold is placed on their records. These students must meet with an advisor to have the hold removed.

Specific requirements for the journalism and mass communication degree can be found at https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSJMCBA/undergrad/false [14].

Specific requirements for the sports journalism degree can be found at https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSSPJBA/undergrad/false [15].

Specific requirements for the mass communication and media studies degree can be found at https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSMCMSTBA/undergrad/false [16].

Specific requirements for the digital audiences degree can be found at https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSDIGABS/undergrad/false [17].

Specific requirements for the digital media literacy degree can be found at https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSDMLBA/undergrad/false [18].

Concurrent degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree a student pursues.

General rules for students pursuing concurrent degrees in the Walter Cronkite School of Journalism and Mass Communication:

- Currently enrolled journalism and mass communication or sports journalism majors who would like to add a concurrent degree must have a cumulative ASU GPA of 2.50 or greater and must have completed 30 credit hours of coursework.
- Currently enrolled mass communication and media studies or digital audiences majors who would like to add a concurrent degree must have a cumulative ASU GPA of 2.00 or greater and must have completed 30 credit hours of coursework.
- ASU students not enrolled in the school who would like to add a concurrent degree in journalism and mass communication or sports journalism must be in good academic standing within ASU, have a cumulative GPA of at least 3.00 and must have completed 30 credit hours of coursework.
- ASU students not enrolled in the school who would like to add a concurrent degree in mass communication and media studies or digital audiences, offered online, must be in good academic standing, have a cumulative GPA of at least 2.00 in an ASU Online degree program and must have completed 30 credit hours of coursework.
- The school requires that students enrolled in journalism and mass communication or sports journalism majors take a minimum of 36 credit hours of the school's courses.
- The school requires that students enrolled in the mass communication and media studies or the digital audiences majors take a minimum of 30 credit hours of the school's courses.
- A student may not take concurrent degrees in journalism and mass communication, sports journalism, mass communication and media studies, or digital audiences simultaneously.

Procedures for adding a concurrent degree:

1. Once a student has decided to declare a concurrent degree, the student should inform the academic advisor for each degree in order to receive proper information about requirements such as degree requirements and courses.
2. When a student meets the requirements for a concurrent degree, the student should complete a Standards Committee Petition [19] and turn it in to the assigned academic advisor [20]. Students in the school are assigned an advisor by the student's last name.
3. The student also needs to contact the college offering the concurrent degree that is to be added and follow that college's procedures for requesting and pursuing concurrent degrees.
4. If a student no longer wishes to pursue a concurrent degree, the student should email that intention to the academic advisor, and the message should include the student's full name and ASU ID number as well as which degree the student wants to have removed from the academic record.

Any questions should be directed to Cronkiteadvising@asu.edu [21].

Additional information about specially designed concurrent degrees can be found on the Cronkite School Concurrent Degree Programs [22] page.

Reinstatement/readmission

Students seeking readmission after being discontinued from the university should contact undergraduate admission services at https://admission.asu.edu/contact [23].

Other special requirements

Major proficiency requirements: All students must receive at least a "C" (2.00) or better in all JMC and MCO courses. Journalism and mass communication and sports journalism majors must also receive a grade of "B-" (80%) or better in JMC 101 Grammar for Journalists. Students also must maintain at minimum a cumulative GPA of 2.50 to be eligible to enroll in JMC and MCO classes.

Graduate policies

The Walter Cronkite School of Journalism and Mass Communication is a nationally recognized professional program that prepares students for careers as reporters, editors, producers, correspondents, anchors, multimedia journalists and strategic communicators. Students go on to news organizations, digital media and production companies, public relations firms, nonprofit organizations and corporate brands around the world.

More information on the school's academic standards, policies and procedures and those of the Graduate College can be found at https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals [24]. Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Academic integrity

Academic dishonesty in any form will not be tolerated in the Walter Cronkite School of Journalism and Mass Communication. The crux of the school's democracy is the ability of citizens to obtain honest, truthful and balanced information, and the credibility and integrity of individual journalists and communications professionals are crucial in that effort. In light of the school's mission to prepare students to become journalists and communication professionals, it is critical that credibility and integrity are fostered within the educational environment of the school.

To that end, a zero-tolerance policy toward academic dishonesty will be enforced within every course and educational activity offered or sanctioned by the school. Any allegations of academic dishonesty will automatically be referred to the school's standards committee for review and recommendation to the dean of the school. If any student is found to have engaged in academic dishonesty in any form – including cheating, plagiarizing and fabricating (see examples here [2]) — that student shall receive a grade of "XE" for the class and may face suspension or expulsion from ASU.

The school's academic integrity policy is available at https://cronkite.asu.edu/about/academicinteg/ [25].

The school will notify the Graduate College if a graduate student is being recommended for dismissal from the school for having engaged in academic dishonesty.

Admission

Candidates for the on-campus Master of Mass Communication, Master of Arts in investigative journalism or Master of Arts in sports journalism degrees apply online at https://admission.asu.edu/graduate/apply [26].

The graduate application opens September 1. Applications are reviewed on a rolling basis. Applications received before December 1 are given priority for both admission and funding. The final application deadline is June 1.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

They must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement of interest (350 to 500 words in length)
- resume
- proof of English proficiency

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based test. Students should see the program website for application deadlines and admission terms. Applicants must meet all deadlines and application requirements to be considered. The school's master's degree committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Candidates for the online Master of Science in digital audience strategy apply online at https://webapp4.asu.edu/dgsadmissions/Index.jsp?program=GRCS&plan=CSDASMS&subplan=&campus=ONLNE [27]. Candidates must submit a graduate application, application fee, resume, statement of personal interest (300-500 words) and official transcripts. An applicant whose native language is not English must provide proof of English proficiency regardless of current residency, with an internet-based TOEFL score greater than 100. The Master of Science in digital audience strategy is only available to candidates who have not completed the BS in digital audiences or the undergraduate minor in digital audiences.

Degree requirements

Plan of study

After completing 50 percent of the minimum credit hours required for master's degrees, students must submit an official plan of study with the Walter Cronkite School of Journalism and Mass Communication. The plan of study is available online in the My Programs box on My ASU [28].

The student selects the ASU courses that have been taken, those in progress and those the student plans to take in future semesters. Once the plan of study is completed, it is electronically forwarded to the school's graduate advisor. It must be approved by the school's associate dean responsible for the master's degree programs. The completed plan of

study is sent to the Graduate College and then to the graduation office. The approved plan of study is a contract between the student and the school verifying the classes the student intends to take during the course of study. Students who do not have an approved plan of study on file are not eligible for graduation. Changes in the plan of study may be made by using the form Course Changes to the Graduate Plan of Study available online on My ASU [28].

Students who need to file a plan of study will be notified by the Graduate College via email. If the student fails to file the plan of study within the specified time period, a hold is placed on the student's ASU record. The hold will prevent the student from registering for classes. Once the student has filed the plan of study and it has been approved, the hold is removed. The Graduate College monitors students' iPOS statuses and places or removes the holds.

Academic standing

Satisfactory academic progress

All graduate students are expected to make systematic progress toward completion of their degree. This progress includes satisfying the conditions listed below and achieving the benchmarks and requirements set by the individual degree programs. Each degree program should have in place policies for satisfactory academic progress. Students are responsible for verifying additional satisfactory progress policies as described in the program handbook. If a student fails to satisfy the requirements of their degree program and the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to the Graduate College. The dean of the Graduate College makes the final determination.

1. Maintain a minimum GPA of 3.00 on the iPOS, graduate and cumulative GPAs. If a GPA is less than 3.00, the student must develop, with their advisor, an academic performance improvement plan that includes the conditions and time frames for making satisfactory academic progress in the degree program.
    o The iPOS GPA is calculated from all courses that appear on the student's approved iPOS.
    o The graduate GPA is calculated from all courses numbered 500 or greater that appear on the transcript, with the exception of courses counted toward an undergraduate degree at ASU (unless shared with a master's degree in an approved bachelor's and master's degree program) and from courses identified as deficiencies in the original letter of admission. The student is considered to be on academic probation until the conditions specified in the academic performance improvement plan are met and both GPAs are greater than 3.00.
    o The cumulative ASU GPA represents all courses completed at ASU during the graduate career.
2. Satisfy all requirements of the graduate degree program.
3. Satisfy the maximum time limit for graduation from the student's graduate degree program.
4. Complete all program requirements within 10 consecutive years (this applies to doctoral students).
5. Successfully pass any comprehensive exams, qualifying exams, foreign language exams and the oral defense of the proposal or prospectus for the thesis or dissertation that are required for the specific graduate program.
6. Successfully complete the culminating experience and, if required, the oral defense of the culminating experience.
7. Stay continuously enrolled in the graduate program. Failing to do so without a Graduate College-approved Request to Maintain Continuous Enrollment is considered to be a lack of academic progress and may lead to automatic dismissal of the student from the graduate program. Persistent "W" (withdrawal) and "I" (incomplete) grades during multiple semesters on a plan of study or transcript may reflect a lack of academic progress.

In addition to the Graduate College satisfactory academic progress policies, the Walter Cronkite School of Journalism and Mass Communication has adopted the following:
1. If any of a student's GPAs are less than 3.00, the student will be placed on probation. If the student's GPAs are not raised to at least 3.00 by the end of the next semester, a recommendation is made to the Graduate College to remove the student from the graduate program.
2. If a student in the Master of Mass Communication, Master of Arts in investigative journalism or Master of Arts in sports journalism earns less than a "C" (2.00) in MCO 502 Journalism Skills (Bootcamp), the school recommends to the Graduate College that the student should be removed from the program immediately.
3. To receive their degrees, Master of Mass Communication, Master of Arts in investigative journalism and Master of Arts in sports journalism students who have MCO 570 Capstone as their culminating experience are required to earn at least a "B" (3.00).

4. Students in the online Master of Science in business journalism must earn at least a "B" (3.00) in the applied project MCO 593.
5. Students in the Master of Science in digital audience strategy program must earn a "B" (3.00) or better in MCO 561 - Defining the Digital Audience before enrolling in MCO 562, 563, 564 or 565. To receive their degrees, students also are required to earn at least a "B" (3.00) in MCO 566 - Digital Audience Management (Capstone). To enroll in the MCO 566, students must earn a B (3.00) or better in MCO 561, and a "C" (2.00) or better in all other courses.

Appeals

Students who want to appeal a course grade must first discuss the issue with the instructor. If the issue is not resolved, the student may appeal the decision to the school's standards committee; the standards committee reviews the issue and makes a recommendation to the dean. The dean's decision is final. Students should be aware the standards committee may recommend a grade lower than the one awarded by the course instructor.

If a student fails to make satisfactory academic progress and a recommendation is made to the Graduate College to remove the student from their graduate program, the student has 10 business days to file a written appeal with the dean. The dean's decision regarding appeals is final.

Credit/registration

Transfer credit

Students admitted to the 30 credit hour mid-career MMC program may transfer up to six credit hours of approved coursework taken before beginning the program not used toward a previous degree; the six credit hours may include nondegree coursework. Only courses with a grade of "A" (4.00) or "B" (3.00) and taken within three years of admission to an ASU graduate program may be accepted as transfer credit.

In order to have graduate coursework that was completed at other accredited institutions included on a plan of study, a student must petition the school's master's or doctoral committee. The student also must complete the petition section of the plan of study.

Students who are in the 36 credit hour professional master's degree program are not permitted to transfer coursework from another institution or from another ASU program.

400-level courses taken for graduate credit

The Walter Cronkite School of Journalism and Mass Communication may allow graduate students to enroll in and use up to two three-credit 400-level courses on their plans of study (a total of six credit hours). Students must receive permission from the program director prior to enrolling in any 400-level course they intend to include in their plans of study. Students taking these courses are responsible for obtaining and completing the 400-level course contract form. This form specifies what the student must do to receive graduate credit for the course. It must be signed by the professor.

Preadmission credit

Credit earned in graduate-level courses (per the Graduate College pre-admission policy) by undergraduate students may count toward their graduate degrees at ASU provided the credit hours have not been used toward a previously awarded degree. Before awarding a bachelor's degree, ASU undergraduate students should contact their undergraduate advisor to set aside graduate courses for use toward a graduate degree.

Reserving a course does not guarantee the student will be admitted to a graduate degree program or that the course will be used to meet graduate degree requirements. A maximum of nine semester hours of credit may be reserved, and only courses with a grade of "B" (3.00) or better are applicable. Reserved credit is classified as nondegree credit and must be taken within the six-year time limit to be included on a plan of study.

Grades of incomplete

The Graduate College requires students who receive an incomplete in graduate coursework (500 level or above) to complete the necessary work within one calendar year or a shorter time frame as agreed up on by the instructor and student. If the incomplete is not removed within one calendar year, it becomes part of the student's permanent transcript and cannot be used on a student's plan of study. To receive credit for the course, the student must repeat the course by re-registering, paying fees and fulfilling all course requirements.

Master's degree students with more than one incomplete at any time are considered failing to make adequate progress, and they are placed on probation. If the student does not complete the work to remove the incomplete and earn a letter grade by the end of the calendar year, a recommendation may be made to the Graduate College to remove the student from the program.

With 400-level courses taken for graduate credit, students are required to complete the necessary work to remove an incomplete grade within one calendar year. If the incomplete grade is not removed within one calendar year, the "I" will become an "E". An "E" cannot be used to meet the requirements for a graduate degree, but it is used to calculate the student's GPA. Students may retake the class to earn a higher grade; however, both the "E" and the new grade are used in calculating the student's GPA. If this results in a GPA of less than 3.00, a recommendation to withdraw the student from the program is made to the Graduate College.

Other special requirements

Time limitations

Students have three years from the start of their program to complete the Master of Science in digital audience strategy, six years from the start of their program to complete other Cronkite School master's degrees, and 10 years from the start of the program for doctoral degrees.

Financial aid

Many graduate students receive financial aid from ASU to assist in financing their education. More information can be found at https://graduate.asu.edu/current-students/funding-opportunities [29].

ACEJMC values and competencies

As a member of the Accrediting Council on Education in Journalism and Mass Communication, the school is committed to classroom learning that achieves ACEJMC professional values and competencies. These include the core areas of freedom of speech, ethics, diversity, critical thinking, research, writing and use of tools and technologies related to the field. For a full list of ACEJMC values and competencies, students should see http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps [6].

Applied project

Students enrolled in the 30 credit hour mid-career Master of Mass Communication program have the option of completing an applied project and are eligible to enroll in MCO 593, Applied Project, when they have no more than six credit hours of coursework remaining on their plan of study. Students interested in completing an applied project are encouraged to meet with the master's program director no later than the end of their first year in the program.

Diversity principles

The Walter Cronkite School of Journalism and Mass Communication practices inclusivity in student, staff and faculty populations in order to create an academic environment that embraces diversity of thought and acceptance of all people regardless of societal, political, cultural, economic, spiritual or physical difference, age or sexual orientation.

To this end, the school directs efforts to the following four principles:
1. Actively seek out and encourage diverse populations to become productive members of the faculty, staff and the student body.

2. Create and maintain a work, learning and social environment that is cognizant of and supportive of a diversity of human differences and beliefs.
3. Incorporate within the formal content of the curriculum and in each course an affirmation of the core journalistic values of accuracy, fairness, ethical behavior and sensitivity when reflecting an increasingly multicultural world.
4. Foster and support a climate in which events and activities of the school reflect diversity of awareness, sensitivity to and support for people of different origins, orientations and abilities.

Social media guidelines for student journalists

The Cronkite School encourages participants in its professional programs to make use of social networking sites such as Facebook and Twitter, which are valuable reporting tools and promotional and distribution channels for the school's content. To ensure the highest journalistic standards in these programs, participants must abide by the standards for social media use drawn from The Poynter Institute for Media Studies and the Society of Professional Journalists' Code of Ethics. Those guidelines are found at https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines [7].

Source URL: https://catalog.asu.edu/policies/journalism

Links:
[1] https://cronkite.asu.edu/
[2] https://cronkite.asu.edu/wp-content/uploads/2021/08/Cronkite-Resources-on-Plagiarism-Fabrication-and-Sourcing-1.pdf
[3] https://provost.asu.edu/academic-integrity/policy
[4] https://provost.asu.edu/academic-integrity/honor-code
[5] https://provost.asu.edu/academic-integrity
[6] http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps
[7] https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines
[8] https://www.asu.edu/aad/manuals/acd/acd401.html
[9] mailto:titleixcoordinator@asu.edu
[10] https://www.asu.edu/reportit/
[11] https://catalog.asu.edu/retention_standing
[12] https://cronkite.asu.edu/advising/
[13] https://cronkite.asu.edu/undergraduate-programs/
[14] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSJMCBA/undergrad/false
[15] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSSPJBA/undergrad/false
[16] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSMCMSTBA/undergrad/false
[17] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSDIGABS/undergrad/false
[18] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSDMLBA/undergrad/false
[19] https://cronkite.asu.edu/wp-content/uploads/2021/08/Undergraduate-Standards-Committee-Petition-writeable.pdf
[20] https://cronkite.asu.edu/advising/
[21] mailto:Cronkiteadvising@asu.edu
[22] https://cronkite.asu.edu/undergraduate-programs/dual-degrees/
[23] https://admission.asu.edu/contact
[24] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[25] https://cronkite.asu.edu/about/academicinteg/
[26] https://admission.asu.edu/graduate/apply
[27] https://webapp4.asu.edu/dgsadmissions/Index.jsp?program=GRCS&plan=CSDASMS&subplan=&campus=ONLNE
[28] https://my.asu.edu/
[29] https://graduate.asu.edu/current-students/funding-opportunities

Sandra Day O'Connor College of Law policies

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [1].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [2], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference https://www.asu.edu/reportit/ [3].

Graduate policies

Academic integrity

Academic integrity code

The legal profession, a self-regulating association, depends on the integrity, honor and personal morality of each member. Similarly, the integrity and value of a Sandra Day O'Connor College of Law degree depends on a reputation for fair competition. ASU Law's Academic Integrity Code [4] is intended as a measure to preserve the integrity of the school's diploma and to create an arena in which students can compete fairly and confidently.

Academic standing

Retention standards - JD students

If a student's 1L GPA is above 2.00 but below 2.33 after the first year, that student shall be disqualified from ASU Law but may be reconsidered for readmission if the student applies. If a student's 1L cumulative GPA is below 2.00, that student shall be permanently disqualified in accordance with ASU Law policies. If an upper-class student's cumulative GPA is below 2.33 (2.00 for students who started law school prior to fall 2020), that student shall be disqualified from ASU Law but may apply for readmission.

Retention standards - all students

The ASU Law Statement of Student Policies contains additional retention and academic policies. The Statement of Student Policies can be found here [5].

Advising

Academic advising for currently enrolled law students is available through the Office of Academic Services with designated points of contact for different degree programs.

Degree requirements

Concurrent degrees

ASU Law students must be in academic good standing to be eligible to pursue a concurrent degree.

Shared credit

Per the Graduate College policy for concurrent master's degrees, a maximum of 20% of the minimum total credit hours for the completion of both degrees may be common hours shared between the degree programs. The total number of credit

hours common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

The Graduate College policy also states that for a concurrent master's/doctoral degree, a maximum of 12 credit hours may be common hours shared between the degrees and may only include coursework completed after admission to both degree programs. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

The Graduate College policy for concurrent doctoral degrees states that a maximum of 12 credit hours may be common hours shared between the degrees. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

Process

Current ASU Law Juris Doctor students who are interested in pursuing a concurrent degree should contact ASU Law's assistant dean for academic affairs or the assistant registrar prior to applying to ASU Law or department offering the desired concurrent degree.

Students in one of ASU Law's master's degree programs who are interested in pursuing a concurrent degree should contact ASU Law's associate dean for new education initiatives prior to applying to the college or department offering the concurrent degree.

Current ASU students who are not enrolled in ASU Law and who wish to pursue a concurrent degree with ASU Law should contact the admissions office at https://law.asu.edu/admissions [6].

Admission process

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

JD admission

For the JD program, the Sandra Day O'Connor College of Law enrolls only one first-year JD class per year, beginning in the fall semester. The program is a three-year program, and almost all students study on a full-time basis. The college does offer a flexible scheduling option for students with circumstances that make full-time enrollment impossible. To be considered for admission to the Juris Doctor program, applicants must have taken the LSAT (excludes applicants applying to the ASU Achievement Program) and have earned or will earn by the time of enrollment in law school, a bachelor's degree that has been awarded by an institution that is accredited by an accrediting agency recognized by the United States Department of Education.

ASU Law is committed to a more sustainable and resilient future and requires applicants to apply electronically through the Law School Admission Council website at LSAC.org [7].

An application for admission must include:
- electronic application (application fee waived for all 2022 applicants)
- personal statement (no more than two pages, double-spaced and font size no smaller than 11 point)
- resume (no more than two pages and font size no smaller than 11 point)
- character and fitness statements; if applicable, explaining affirmative answers to questions 1-9 in the character and fitness section
- binding admission contract, if applicable
- valid LSAT score (excludes applicants applying to the ASU Achievement Program)
- transcripts from each undergraduate and graduate institution attended must be sent to LSAC
- proof of English proficiency for applicants whose native language is not English, regardless of current residency.

The application may also include:

- letters of recommendation: Applicants may submit no more than two letters, and they should be submitted through LSAC to be included in the CAS report. Applicants should note that since they are not required, the admission office will not wait for letters to complete the file for review.
- optional addenda: undergraduate performance, standardized test performance and other
- diversity statement

Application deadlines:

- Priority deadline: March 1, 2022
- Final deadline: August 1, 2022

For detailed information about the JD application process, students are asked to visit https://law.asu.edu/admissions/apply/jd.

Source URL: https://catalog.asu.edu/policies/law

Links:
[1] https://www.asu.edu/aad/manuals/acd/acd401.html
[2] mailto:titleixcoordinator@asu.edu
[3] https://www.asu.edu/reportit/
[4] https://law.asu.edu/sites/default/files/pdf/asu-law-code-of-honor.pdf
[5] https://law.asu.edu/sites/default/files/pdf/jd-statement-of-student-policies.pdf
[6] https://law.asu.edu/admissions
[7] https://www.lsac.org/
[8] https://law.asu.edu/admissions/apply/jd

The College of Liberal Arts and Sciences policies

These are the current policies in The College of Liberal Arts and Sciences.

Academic integrity

Academic honesty is expected of all students in all examinations, assignments, papers, laboratory work, academic transactions and records. More information about academic honesty is available at https://provost.asu.edu/academic-integrity [1] and information about The College of Liberal Arts and Sciences policies and procedures can be found at https://thecollege.asu.edu/resources/academic-integrity [2]. The College tracks all reports of academic integrity violations internally and shares that information with other ASU colleges and schools.

Academic dishonesty investigation and procedures

- Anyone with a good faith basis for believing that a student has engaged in academic dishonesty may report the alleged violation to the instructor or academic integrity officer for the college or school in which the academic dishonesty occurred.
- If the instructor or academic integrity officer concludes that there is a sufficient basis to believe the student engaged in academic dishonesty, the instructor or the academic integrity officer will notify the student of the alleged violation and initiate the investigative process.
- Before concluding the investigation, the instructor or academic integrity officer will provide the student a summary of the information gathered. The student has five business days after the notice was sent to respond to the allegation.
- At any point in the process, the student can contact the academic integrity officer to seek consultation or clarification.
- The student may be accompanied by an advisor at any point in the process. The advisor is not permitted to participate directly or speak for the student.
- Once the investigation is complete, in consultation with the academic integrity officer, the instructor will recommend a sanction. The student will be notified of the result of the investigation and of any sanction to be imposed.

Sanctions and appeal

The following sanctions may be imposed for academic dishonesty:
- reduced or failing grade for the academic evaluation
- reduced or failing grade for the course
- a grade of "XE"
- withdrawal of credit for a previously accepted course or requirement
- suspension from the university for a specific period of time
- expulsion from the university without expectation of readmission
- other sanctions as consistent with this policy and the Student Code of Conduct [3]

At any time, the student and the instructor may agree on the sanction and inform the academic integrity officer or the dean. The academic integrity officer or the dean may reject the proposed resolution and appoint a designee to pursue the case on behalf of the college.

A student alleged to have violated the Academic Integrity Policy has the following rights:
- The student will also be notified of their right to appeal to the dean. The student must file their appeal no later than 10 business days after the date the notification was sent. If the student does not file a timely appeal, the sanction is final.
- A student's appeal of an allegation of an academic integrity violation or recommended sanction must be submitted in writing and include the following:

- - a description of the alleged academic dishonesty, including a factual narrative of events, the dates and times of occurrences, and any other reason why the sanction should not be imposed
  - the names of persons having information about relevant circumstances or events
  - the general nature and description of all evidence
- If the student files an appeal, the student must meet with the academic integrity officer to discuss hearing procedures. The academic integrity officer will help the student navigate the process and provide additional information when needed.
- If the student wishes to dispute any aspect of the allegation or sanction, the student may file an appeal. If the student files a timely appeal, the sanction will not be imposed until the appeal is resolved. If the student files an appeal at the end of a semester, or during the last semester of enrollment, the course grade or degree may be withheld until the matter is resolved. If a grade or degree will be withheld for any period, the academic integrity officer or dean must notify the Registrar's Office.

Student affairs and grievances committee hearing

The academic integrity officer will forward a student's timely appeal to the instructor.

Pre-hearing proceedings

The academic integrity officer will send a notice of hearing to the student; instructor; The College of Liberal Arts and Science's Student Affairs and Grievances Committee; and the head of the college, school or academic unit where the alleged dishonesty occurred. The notice will include the following information:

- the time and place of the hearing before the Student Affairs and Grievances Committee (Unless the parties and academic integrity officer agree otherwise, the hearing will take place during the regular fall or spring semester.)
- a copy of this policy or instructions on how to access the policy electronically
- the requirement that the parties provide to the academic integrity officer a written list of witnesses and a description of any documents or other evidence they intend to use at the hearing (Unless the chairperson provides otherwise, this information must be exchanged at least 5 business days before the hearing.)
- the length of time set for the hearing, the time limitation for the presentation of evidence, and any other procedural requirements

Conduct of the hearing

In order to preserve the confidential nature of the disciplinary process and to protect the privacy of those involved, the hearing will be closed to the public.

The chairperson of the Student Affairs and Grievances Committee will preside at the hearing and will rule upon all procedural matters. The formal rules of evidence will not apply, although objections to the introduction of specific statements or documents may be considered by the chairperson. Irrelevant, immaterial, privileged or unduly repetitious information will be excluded.

The instructor shall have the burden of showing it is more likely than not that the student engaged in academic dishonesty. The instructor must also explain the reason for the sanction. If the student accepts responsibility for academic dishonesty, then the Student Affairs and Grievances Committee may focus the hearing on the appropriate sanction.

Information regarding prior violations or informal resolutions of previous allegations may not be used as proof of a current violation, but may be admitted for other purposes, such as to show that the student had prior experience relevant to the allegations or to show that the student had been informed previously that the conduct was unacceptable. The Student Affairs and Grievances Committee may also consider information regarding prior violations in determining an appropriate sanction.

A student who fails to appear or refuses to participate at the hearing will be deemed to have abandoned the appeal, unless the student can demonstrate that extraordinary circumstances prevented appearance or participation.

The student and instructor may each have an advisor present, but the advisors shall not be permitted to address the Student Affairs and Grievances Committee directly, except as the chairperson deems necessary or appropriate.

The hearing will be recorded and the student may request a copy of the recording. The student may also request a transcript, but will be responsible for its cost.

Except as otherwise permitted by the Student Affairs and Grievances Committee, witnesses will be excluded from the hearing except during their own testimony. The chairperson may remove a party, advisor or witness from the hearing if that person's conduct is disruptive.

When necessitated by fairness or extraordinary circumstances, the Student Affairs and Grievances Committee may permit the parties to make arrangements for recorded, written or telephonic testimony from their witnesses for use in the proceeding.

The instructor shall proceed first at each stage of the presentation.
- Each party may present an opening statement, which summarizes what information is expected to be presented.
- Each party will call witnesses to provide statements.
- At the conclusion of each witness's statement, the witness may be questioned by the other party.
- The Student Affairs and Grievances Committee may ask further questions of each witness.
- Each party may present a closing statement, which summarizes the information that was presented.

If the alleged academic dishonesty involves the work of multiple students, the Student Affairs and Grievances Committee may modify these procedures to address the circumstances. The college Student Affairs and Grievances Committee should provide prior written notice of any modification of the procedures to all parties. Each student must file his or her own appeal. A student who has not filed an appeal should not expect to benefit from another student's appeal.

College board deliberations and recommendations

Following the presentation of information and closing statements, the Student Affairs and Grievances Committee will discuss the information that has been presented and the reasonable inferences to be drawn from it. Only the committee, its legal advisor, if any, and the academic integrity officer may be present during the deliberations. Neither the student nor the instructor may be present during the deliberations.

Based solely upon the information presented, the Student Affairs and Grievances Committee will formulate a recommendation to the dean as to whether the student has more likely than not engaged in academic dishonesty and the appropriate sanction. Recommendations must be supported by a simple majority of the Student Affairs and Grievances Committee.

The Student Affairs and Grievances Committee will prepare and send a written recommendation to the dean within five business days of the hearing. The written recommendation will include findings of fact and a statement of the reasons for the recommendation. It will also be signed by the Student Affairs and Grievances Committee chair. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation.

Review and decision by dean

After reviewing the Student Affairs and Grievances Committee's recommendation, the dean will render a written decision which affirms, denies or accepts the Student Affairs and Grievances Committee's recommendation with modifications.

The dean may not make new findings adverse to the student or increase the severity of a sanction, unless:
- The dean provides the student notice and an opportunity to respond to the new findings or sanction.
- The dean remands the matter to the Student Affairs and Grievances Committee for further proceedings.

The dean will provide written notice of the decision to the student; the academic integrity officer; the instructor; the Student Affairs and Grievances Committee; and the head of the college, school or academic unit where the alleged dishonesty occurred within 20 business days following receipt of the Student Affairs and Grievances Committee's recommendation. A

delay may occur if it becomes necessary to conduct further investigation or to remand the matter to the Student Affairs and Grievances Committee. In those cases, the written decision will be transmitted no later than 20 business days following completion of the investigation or the Student Affairs and Grievances Committee's subsequent recommendation.

The dean's decision is final and may not be further appealed unless the dean recommends that the provost suspend or expel the student from the university.

If the dean recommends the suspension or expulsion of an international student, both the student and academic integrity officer should consult with the ASU International Students and Scholars Center.

If the dean recommends that the provost suspend or expel the student from the university, the letter from the dean will state that the student may appeal the recommendation by filing a written request for review with the provost within 10 business days of the date of the letter.

If the student does not timely appeal, the provost or designee will review the dean's recommendation and issue a final decision on suspensions or expulsions from the university.

Review and decision of a suspension or expulsion from the university

A student may seek to have a dean's decision reviewed by the University Academic Integrity Hearing Board only if the dean recommends that the provost suspend or expel the student from the university. However, a student who failed to appeal or abandoned the appeal at the Student Affairs and Grievances Committee hearing may not appeal to the University Academic Integrity Hearing Board.

The appeal must be in writing and must be filed with the provost within 10 business days of the date of the dean's decision letter.

The provost or designee will appoint and charge a University Academic Integrity Hearing Board to conduct the hearing. The board will be comprised of three members; one member must be a student and one of the other members will act as chairperson. The hearing shall follow the procedures set forth in the Student Code of Conduct Procedures, except that the college or school will take the role of the dean of students and the provost or designee will take the role of the Senior Vice President for Educational Outreach and Student Services.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [4].
Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [5], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference www.asu.edu/reportit/ [6].

Undergraduate policies

Student responsibilities

Students enrolling in courses offered by The College of Liberal Arts and Sciences are expected to follow the rules and deadlines specified in this catalog pertaining to enrollment, adding or dropping classes, withdrawals and tuition payment.

Students are encouraged to meet with their academic advisors regularly. Students with additional questions regarding the academic rules of the college and the university are welcome to meet with their academic advisor. Academic advisor contact information and appointment scheduling tools are available on My ASU [7] under the Academic Support Team heading.

In addition, students must understand and follow the requirements for the university's General Studies [8] and college graduation requirements [9] in their edition of ASU's academic catalog. The academic catalog is the governing source for all degree requirements.

Academic standing

The standards for GPA and the terms of academic warning, academic probation or continuing probation, disqualification and reinstatement are identical to those of the university, as set forth under retention and academic standards [10].

After students are placed on academic warning or probation, one of three things can happen:

- They can return to academic good standing by raising the cumulative GPA to 2.00 or greater.
- They can remain on probation by earning the required semester GPA of at least 2.00 but not raising the cumulative GPA to academic good standing (i.e., cumulative GPA to 2.00 or greater). Students may continue on academic probation, earning the required semester GPA, for as many semesters as it takes to raise the cumulative GPA to academic good standing.
- They can be disqualified if they fail to achieve the required semester GPA of 2.00.

Students who are placed on academic warning or academic probation are required to interact with their major academic advisor in each term they remain on continuing probation prior to enrollment in subsequent terms.

Students who leave the university for a semester or more while on academic probation are automatically readmitted, except when reapplying to degrees in the Hugh Downs School of Human Communication, which has specific readmission criteria. Students should review the reinstatement and readmission portion of this section for more information about policies and procedures.

Students who fail to meet the minimum semester GPA of 2.00 in the fall or spring semester after being placed on academic probation are disqualified from further attendance at Arizona State University for a minimum of one semester. Students who are academically disqualified should contact their academic advisor to discuss options for returning to ASU.

Academic advising

All students are encouraged to seek academic advising before registering for courses each semester. Academic advisor contact information and appointment scheduling tools are available on My ASU [7] under the Academic Support Team heading.

eAdvisor

eAdvisor provides students the tools to successfully follow their major maps to graduation and assists the students with:

- learning more about graduation requirements for their majors
- discerning what critical requirement courses and grades are required to stay on track to successfully complete their degrees
- planning for and scheduling appropriate courses in the correct sequence to maximize success
- monitoring progress toward their degrees
- finding out how courses may fit into other majors if they decide to change majors or to add concurrent degrees

Students can learn more about eAdvisor and access it at https:/eadvisor.asu.edu [11].

Academic advising locations

The College of Liberal Arts and Sciences continuing on-campus students and all new and continuing online students should seek routine academic advising in the department or school of their major. Locations of each advising office can be found at https://thecollege.asu.edu/advising/departments [12].

All on-campus first-year students and first-term transfer students in The College of Liberal Arts in Sciences should seek academic advising with advisors located in the Academic Advising Hubs located on the first floor of Armstrong Hall.

The Office of Student and Academic Programs, located in Armstrong Hall, 1st floor south, is the central resource center for academic information in the college. Clarification of rules, procedures and academic advising needs of The College and university should be directed to that office. The Office of Student and Academic Programs also provides information on policies and procedures regarding academic integrity, student grievances with respect to grades, and various petitions involving college and university degree and graduation requirements.

Required advising

The following groups of students are required to consult with their academic advisor in order to be eligible to register for their courses:

- all students registering for their first semester at ASU
- first-year students registering for their second semester at ASU (Successful completion of LIA 101 class assignment will meet academic advising requirement.)
- students on academic probation or continuing probation
- students newly readmitted to the university
- students who are off track in their major

Students listed above should consult an advisor in the department or school of their major. Disqualified students seeking readmission should first apply to the university for readmission [13]. Once students have been readmitted to ASU, they should consult an academic advisor in the department or school of their major.

Advising for preprofessional programs

Professional Field	Advisor Location
Dentistry	ARM 112
Foreign Service	Diplomat in Residence, Laura Gritz DIRSouthwest@state.gov
Law	ARM 112
Medicine	ARM 112
Ministry	School of Historical, Philosophical and Religious Studies, COOR 3309
Occupational Therapy	ARM 112
Optometry	ARM 112
Pharmacy	ARM 112
Physical Therapy	ARM 112

Physician Assistant	ARM 112
Veterinary Medicine	ARM 112

Health professions

Students who plan to pursue a health profession should meet regularly with the preprofessional advising staff located in the Futures Center (ARM 112). For each of the health-related fields listed above, specific courses must be taken to complete graduate or professional school prerequisites and to prepare for required standardized admission exams (e.g., MCAT). To schedule a meeting with a prehealth advisor, students should email prehealthtempe@asu.edu [14] or visit Handshake [15].

Prelaw

Students who plan to pursue a law-related profession should seek out guidance from the preprofessional advising staff located in the Futures Center (ARM 112). There are no specific course requirements for entrance into law school. Courses that engage students in intense critical analysis and include substantial amounts of writing, however, are recommended as are practical experiences outside of the classroom (e.g., internships). Students can schedule a meeting with a prelaw advisor by emailing prelawadvising@asu.edu [16] or visit Handshake [15].

Academic (grade) grievance

Academic grievances occur when a student is appealing a final grade issued in a course. This process does not address academic integrity allegations, faculty misconduct or discrimination. Grievances must be resolved within the regular semester immediately following the session in which the grade was issued (by commencement for fall or spring) regardless whether the student is enrolled at the university.

The grievance procedures of The College of Liberal Arts and Sciences are as follows:

- An aggrieved student must first confer with the instructor and state any evidence and the reasons for questioning that the grade received was given in good faith. The instructor must review the matter, explain the grading procedure used and show how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course.

- If the grading dispute is not resolved at the course instruction level, the student may appeal to the chairperson or the chair-designated representative of the department responsible for the course.

- If the matter is not resolved after completing the steps above, the student may then request a meeting with a representative in The College of Liberal Arts and Sciences dean's office. In order to request a meeting, the student must complete this form [17]. After receipt of the submitted form, the student will be contacted to schedule a meeting. Questions about this process can be directed to TheCollegeDean@asu.edu [18].

- After meeting with the dean's representative in the Office of Student and Academic Programs, the student has 10 business days to file a formal written grievance with the Office of Student and Academic Programs. The grievance is then forwarded by the Office of the Dean to the instructor with a request to provide a written response within 10 business days.

- The student is then informed they are to review the response when it arrives in the dean's office and confer with the dean's designee before deciding whether to request a hearing before The College of Liberal Arts and Sciences Student Affairs and Grievances Committee. The request for a hearing must be in written form. Upon receiving the student's request, the dean's designee will arrange a formal hearing before The College Student Affairs and Grievances Committee. The committee meets once per week during the fall and spring terms. The committee does not meet during summer and winter breaks or during fall or spring intersessions.

The hearing, which shall be closed, shall be conducted by the committee chair. The arrangements for the order of appearance of submission of materials, testimony and related matters should be made through and by the dean's delegate in the Office of Student and Academic Programs. The dean's designee serves as an ex-officio member of the committee but has no vote in the decision-making process. The committee shall make a confidential, written report through the committee chair to the graduate or undergraduate associate dean in The College of Liberal Arts and Sciences.

The respective associate dean for Student and Academic Programs will take final action after fully considering the committee's recommendation, in keeping with university policy [19]. The associate dean will inform the student, instructor, department chair or school director (if any), registrar (if appropriate) and grievance committee of any action taken. The associate dean's decision is final.

Credits, degrees and course registration

Credit requirement

All candidates for graduation for bachelor's degrees in The College of Liberal Arts and Sciences are required to complete at least 120 credit hours of which at least 45 credit hours must consist of upper-division courses. A minimum cumulative ASU GPA of 2.00 is required for graduation.

Minors

The College of Liberal Arts and Sciences offers minors in many of its disciplines. All minors require a minimum of 18 credit hours in the discipline with at least 12 of those credit hours as upper-division courses. Six of the upper-division credit hours must be taken from courses offered by The College. Students should work with their major academic advisors to make certain they are making the most effective choices to complete their minors. If there are additional questions regarding the minor, the major academic advisor will consult with the department offering the minor. Students may not use courses in their minors toward their majors and, similarly, students may not use courses in their majors to fill the requirements of their minors. Additionally, there may be some disciplines that are too close in content for a student to choose a particular combination of minor and major.

Course load

Undergraduate students are normally limited to 18 credit hours per fall or spring semester (or nine credit hours each in sessions A and B) and 14 total credit hours in summer session (seven credit hours each in sessions A and B; nine credit hours in session C). The typical student course load is 15 or 16 credit hours for a full 15-week semester.

Students who wish to register for more than 18 hours must meet GPA criteria based on the number of additional credit hours requested. Specific criteria, further guidelines, and the course overload petition form are at https://thecollege.asu.edu/resources/advising/credit-overload [20]. Students meeting these requirements may seek an overload for 19 or more credit hours (or up to 10 credit hours in either session A or B) from the academic advising office in the departments or schools of their majors.

Students should not assume that their petitions for overload will be granted. Overload requests are evaluated based on the student's most recent academic performance, cumulative performance and the reasons for requesting the overload. First-year students and transfer students are not permitted to receive course overloads for their first semester at ASU.

Pass/fail grade option

The pass/fail grade option is intended to broaden the education of liberal arts and sciences undergraduates by encouraging them to take advanced courses outside their specializations. A grade of "P" (pass) contributes to a student's earned hours but does not affect the GPA. A failing grade is computed into the GPA.

Students in The College of Liberal Arts and Sciences with at least 60 credit hours may take courses under the pass/fail option. The following conditions apply:

- Enrollment for the pass/fail option must be approved both by the instructor and the college offering the course, as well as the student's college or school. Permission is recorded on the Pass/Fail Enrollment Form [21].
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the drop/add period.
- A maximum of 12 credit hours taken for pass/fail may be counted toward graduation.

Students may not enroll under the pass/fail option in courses that are:

- taken to satisfy the second-language or first-year composition requirements
- in the student's major, minor or certificate program
- counted toward or required to supplement the major
- counted as 499 Individualized Instruction
- taken for honors credits
- counted toward satisfying The College of Liberal Arts and Sciences graduation requirements or ASU's General Studies requirements

Audit grade option

Students may choose to audit courses in which they attend regularly scheduled class sessions but earn no credit. Students wishing to audit a course should obtain instructor approval before registering.

The audit grade option may not be changed after the drop/add period.

Degree requirements

The College graduation requirements

All students in The College of Liberal Arts and Sciences must complete the university General Studies requirements [8] as well as all requirements of their major. In addition, the college has established requirements that are specific to the BA, BS and BS in planning degrees.

Requirements for all undergraduates in The College of Liberal Arts and Sciences:

All students are required to take a minimum of MAT 117 or higher. A grade of "C" (2.00 on a 4.00 scale) or better must be earned in the chosen mathematics course.

Each student admitted as a first-time first-year student is required to complete a first-year success course or first-year seminar. These courses are designed to introduce students to the college and help them gain an understanding of what they will need to do to be successful students at ASU. Topics include academic success, academic integrity and student engagement.

Bachelor of Arts:

- completion of second language coursework at the intermediate level (202 or equivalent)*
- a foreign language course at the 300 level or higher taught in the foreign language and having 202 or its equivalent as a prerequisite
- demonstrated completion of secondary education at a school in which the language of instruction is not English
- completion of ASL 202 American Sign Language IV or its equivalent

*Those students completing this requirement in Ancient Greek must take GRK 301 and 302.

Bachelor of Science:

Each student pursuing a Bachelor of Science degree must complete six credit hours (two courses) of science and society courses. At least one course must be completed at the upper-division level and certain limitations apply to how courses may be cross-counted toward other degree requirements. Students should consult an advisor in the department or school of their major for a list of appropriate courses. More information about the requirement and a current list of science and society courses are available on the college's website at https://thecollege.asu.edu/resources/science-society [22].

Major requirements

Each student is required to select a major from among the fields of study offered by the college. Major maps describe the requirements for completion of each degree program.

The department or school of the major may require up to 45 credit hours of coursework. The minimum is 30 hours. A maximum of 15 additional credit hours may be required in related courses and prerequisites. No more than 60 credit hours of coursework may be required to complete the major, related courses and prerequisites. Some departments require calculus-level mathematics, and up to five of these credit hours may be excluded from the 60 credit hour maximum as they satisfy the college's mathematics proficiency requirement. A minimum of 12 upper-division hours in the major must be taken in residence and from courses offered by The College of Liberal Arts and Sciences.

No credit is granted toward fulfilling major or minor requirements in any upper-division course in that subject field unless the grade in that course is at least a "C" (2.00 on a 4.00 scale). In The College of Liberal Arts and Sciences, the assignment of a grade of "Y" (satisfactory) indicates a level of performance that would have resulted in a grade of at least "C" (2.00 on a 4.00 scale) had the normal grading scheme been used.

Students should see individual departmental websites for other minimum grade requirements.

Major fields of study are classified into the following three areas:

Humanities

- Asia studies
- Asian languages (Chinese/Japanese)
- English*
- film and media studies
- French
- German
- history*
- international letters and cultures
- Italian
- Jewish studies
- philosophy
- religious studies
- Russian
- Spanish

Natural sciences and mathematics

- astronomical and planetary sciences
- biological sciences
- biophysics
- chemistry
- computational mathematical sciences
- data science

- earth and environmental studies
- earth and space exploration
- mathematics*
- microbiology
- molecular bioscience and biotechnology
- neuroscience
- physics*
- psychology
- technological leadership

Social sciences

- African and African American studies
- American Indian studies
- American studies
- anthropology
- applied mathematics for the life and social sciences
- Asian Pacific American studies
- civic and economic thought and leadership
- communication
- economics
- family and human development
- geographic information science
- geography
- global health
- global studies
- justice studies
- meteorology-climatology
- political science
- politics and the economy
- sociology
- transborder Chicana/o and Latina/o studies
- urban planning
- women and gender studies

*These degree programs offer a concentration in secondary education.

General electives

Most liberal arts and sciences majors can meet all the requirements stated above with fewer than the 120 credit hours required for graduation. Remaining hours are general electives that may be selected from any of the departments of The College of Liberal Arts and Sciences or from the offerings of other ASU schools and colleges.

Concurrent and second baccalaureate degrees

In order to complete a second baccalaureate degree or concurrent degree, students must earn at least 30 unique credit hours applied toward the requirements for each majors' degree.

Specific combinations of degrees may be deemed inappropriate. Students are advised to refer to The College of Liberal Arts and Sciences concurrent and second baccalaureate degree [23] website for more information.

Pursuing a concurrent degree in The College of Liberal Arts and Sciences requires approval. In order to petition the college for approval to pursue a concurrent degree, students must have completed at least 30 credit hours, have completed at least one fall or spring semester at ASU, and have a minimum GPA of 2.00. Petition forms are available

within the concurrent degree checklist section of the Advising Resources and Forms [24] page on The College of Liberal Arts and Sciences website. The completed forms must be submitted to the academic advisor of the current major.

Reinstatement/readmission

Students who have been academically disqualified from the university and have not attended for at least one regular semester can earn readmission to the college and to their majors. The first step for students seeking readmission is to complete the online undergraduate admission application [25]. Students should work with the academic advisor in the desired major to discuss a plan and strategies for being readmitted to ASU. The plan may include taking coursework at a two-year college or ASU summer classes, or both, and meeting specific GPA requirements to demonstrate readiness to return to ASU.

Disqualified students who were off track for two or more semesters at the time of their disqualification will not be automatically readmitted into their former majors.

Graduate policies

Students should consult their program handbooks or the individual school or department for information about requirements for graduate study.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies set forth by the Graduate College and The College of Liberal Arts and Sciences. Any questions in regards to graduate policies for the college can be directed to TheCollege-Grad@asu.edu.

Source URL: https://catalog.asu.edu/policies/liberal_arts

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://thecollege.asu.edu/resources/academic-integrity
[3] https://eoss.asu.edu/dos/srr/codeofconduct
[4] https://www.asu.edu/aad/manuals/acd/acd401.html
[5] mailto:titleixcoordinator@asu.edu
[6] https://www.asu.edu/reportit/
[7] https://webapp4.asu.edu/myasu/
[8] https://catalog.asu.edu/ug_gsr
[9] https://catalog.asu.edu/undergraduatereq
[10] https://catalog.asu.edu/retention_standing
[11] https://eadvisor.asu.edu/
[12] https://thecollege.asu.edu/advising/departments
[13] https://students.asu.edu/readmission
[14] mailto:prehealthtempe@asu.edu
[15] https://career.asu.edu/handshake
[16] mailto:prelawadvising@asu.edu
[17] https://clas-forms.asu.edu/clas/grade-grievance-form
[18] mailto:TheCollegeDean@asu.edu
[19] https://catalog.asu.edu/appeal
[20] https://thecollege.asu.edu/resources/advising/credit-overload
[21] https://students.asu.edu/forms/application-pass-fail-enrollment
[22] https://thecollege.asu.edu/resources/science-society
[23] https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees
[24] https://clas.asu.edu/resources/advising
[25] https://admission.asu.edu/undergrad/readmission
[26] mailto:TheCollege-Grad@asu.edu

Edson College of Nursing and Health Innovation policies

The Edson College of Nursing and Health Innovation periodically needs to implement new policies, protocols and procedures to comply with accreditation, regulatory or clinical health care agency requirements; therefore, policies, protocols and procedures are subject to change. Students should confirm current policies, protocols and procedures for clinical placements with the respective student handbook [1]. Commonly referenced policies, protocols and procedures are given in the appendices of student handbooks.

Students interested in the prelicensure nursing programs (programs leading to RN licensure), RN to BSN, or the RN to BSN concurrent enrollment program who want to obtain the most current information on college policies should contact the college's Student Academic Services office at 602-496-0888 or edsoncollege@asu.edu [2]. The capacity to provide clinical learning experiences is subject to change; therefore, the capacity to enroll students in these programs may vary depending upon the availability and requirements of clinical learning experiences.

Academic integrity

Academic and professional integrity

Academic honesty is expected of all students. Possible sanctions include appropriate grade penalties, disqualification and dismissal. The Edson College of Nursing and Health Innovation adheres to the ASU Student Code of Conduct, the ASU Academic Integrity Policy, and the college academic and professional integrity protocol located in student handbooks. A copy of the ASU Academic Integrity Policy may be obtained online at https://provost.asu.edu/academic-integrity [3] and a copy of the Edson College Academic and Professional Integrity protocol may be obtained online at https://nursingandhealth.asu.edu/student-life/current-students/policies-handbook [4]. Academic dishonesty is not tolerated in any course and is subject to specific Edson College of Nursing and Health Innovation policies and procedures.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [6], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284.

Undergraduate policies

Academic standing

University standards for academic good standing [7] are followed for all majors in the college. Students who do not maintain the minimum GPA after each fall or spring semester are placed on academic probation. Students on academic probation or continuing probation must meet with an academic advisor before registering for the subsequent semester. Students placed on academic probation have one semester to raise their cumulative or semester GPA to meet the criteria for academic good standing; otherwise, they may be disqualified or be determined to be ineligible for the majors in this college. Disqualified students are not permitted to enroll for the fall or spring semesters.

eAdvisor tracking focuses on students who initially enroll as full-time first-year students, and the tool tracks their progress during the first four semesters. It identifies and outlines the critical courses, GPA requirements and milestones that predict success in each major. Students use major maps and progress reports to plan which courses to take each semester.

Students who do not meet critical requirements are notified they are off track, and this off-track status is displayed on the students' My ASU [8] pages. Off-track students are required to see an academic advisor before registering for or adding classes. Students off track for two consecutive semesters may be required to change majors, depending on the major. Students in the BSN nursing traditional prelicensure clinical nursing program, in alignment with continuing eligibility criteria, are required to change their major if they are off track for one semester.

Students pursuing the RN to BSN or concurrent enrollment program or who are enrolled as a postbaccalaureate student (pursuing a second degree) are not critically tracked.

Advising

Academic advising is an essential aspect of the educational experience and is provided by the college through the Student Academic Services office. Academic success advisors assist students with program planning, registration, preparation of petitions, verification of graduation requirements, referrals to university and community resources and career planning. ASU accepts coursework transferred from other accredited institutions, and the Edson College of Nursing and Health Innovation determines if and how the courses will be applied.

The Student Academic Services office is committed to ensuring that students reach their academic goals. This is done by monitoring student progress and providing the academic resources and personalized tools students need to get off to a good start and stay on track toward graduation. Students can monitor their own progress with the eAdvisor academic success resources at My ASU. More information on eAdvisor can be found at https://eadvisor.asu.edu [9].

Student responsibilities include following university guidelines regarding submission of transcripts from all colleges other than ASU, obtaining the necessary signatures or computer verifications required by the university, and following university procedures for matriculation. It is ultimately the responsibility of each student to fulfill academic and program requirements.

Students are encouraged to schedule appointments each semester to ensure they are making progress toward their degrees. Advising is required for:

- newly admitted students, prior to enrollment for the first term
- students not making satisfactory progress (probation, continuing probation, off-track, etc.)
- students wishing to pursue concurrent degrees, who must petition the university standards committee and have approval from the Edson College of Nursing and Health Innovation and from the college that offers the other chosen degree

Students may schedule an advising appointment through the appointment scheduler [10] or by calling 602-496-0888.

Mandatory advising

All first-year students and new undergraduate transfer students are required to meet with an academic advisor before registering for courses. Students with academic probationary status and off-track students are required to meet with an academic advisor to plan strategies for improving academic standing. Students interested in the prelicensure nursing program must attend or view a BSN information session before a one-on-one academic advising appointment will be scheduled. Information session information is located at https://nursingandhealth.asu.edu/admissions/information-sessions [11].

Credit/registration

Course load

Students wishing to register for more than the maximum allowable credits in a term must contact their academic advisor to obtain an approved overload before registration.

All upper-division nursing courses must be taken for a grade, except for selected clinical courses in the prelicensure program that are taken for "P" (pass) or "Y" (satisfactory).

Degree requirements

RN to BSN program

Applicants who have an associate degree in nursing or a nursing diploma and have their RN license must apply to the online RN to BSN program [12]. Potential students must have an active RN license in good standing in the state in which they are working. A minimum GPA of 2.50 is required for all undergraduate coursework. All prerequisites, including a statistics course, require a grade of a "C" (2.00) or better.

The RN to BSN program courses are offered online and can be completed in 14 to 24 months. There are five starts per year: two in the fall, two in the spring, and one in the summer.

The RN to BSN program builds on the knowledge and skills students learned in their associate degree or diploma programs. The course assignments enhance students' written and verbal communication skills, clinical reasoning skills and technology skills. Faculty members are leaders and experts in their practice areas. The faculty strive to prepare graduates who will be engaged, professional and innovative leaders who use evidence-based practice to facilitate positive change in the work environment and community. Graduates will demonstrate holistic, population-based perspectives and be solution identifiers, client advocates and effective communicators.

Traditional prelicensure clinical nursing program

Admission requirements for the traditional prelicensure clinical nursing program are more rigorous than university requirements. Some entering first-year students will be admitted directly to the nursing major. Other students will be admitted to an alternative major, the BS in community health, and then compete for space in the nursing program. A competitive advancement process is utilized to fill any available seats in the TPCNP after the placement of directly admitted nursing major students. Spaces will be given to those students with the highest advancement score. Directly admitted nursing major students must meet continuing eligibility criteria each semester. If they fail to meet one or more of the criteria, they forfeit their direct admission nursing major status and may compete for advancement to the TPCNP.

Direct admission

Students admitted with direct admission status upon entering ASU as a first-year nursing major must meet the continuing eligibility criteria outlined in their major map, each semester, to maintain this status. If direct admission is retained throughout the advancement process, students are guaranteed placement into the clinical nursing program within one year of the semester in which all 17 critical courses are completed. Direct admission students are not guaranteed their first preference. In the event the number of direct admission students requesting placement in a specific cohort is greater than the number of spaces available, placement will be determined by random selection.

Competitive advancement process

Students in majors other than nursing are all eligible to compete for a space in the program through the competitive application process, provided they have completed the prerequisite courses and all screening items. The advancement score for the traditional prelicensure clinical nursing program is composed of the select GPA and the TEAS score. Seats are given to the students with the highest advancement scores. For students applying through the competitive application process, the select GPA and the TEAS scores are used to rank the students from high to low. After directly admitted students who meet continuing eligibility criteria are advanced, students who are the highest on the list are offered the remaining spaces in the traditional prelicensure clinical nursing program. Students not selected may choose to compete again in the next term. There is no limit on the number of times students may compete; a waiting list is not maintained. Students who do not meet the minimum select GPA and TEAS scores are withdrawn from consideration. Nursing faculty may opt to use additional criteria in the selection process.

Select GPA for competitive selection: The select GPA is computed based on 13 critical (prerequisite) courses and must include ENG 101, ENG 102, and three of the four lab sciences: BIO 201, BIO 202, CHM 101, MIC 205/206. Critical courses with a grade of "C" or better may not be repeated to improve the select GPA. Students should see an academic advisor for possible replacement course options. Students who have already earned a bachelor's degree may choose to use a "pass" grade rather than letter grades for ENG 101 and 102. Nursing faculty may opt to adjust the courses and the GPA requirements in the selection process.

Prerequisite and select GPA for competitive students: Students must have a minimum score of 3.25 in both their prerequisite GPA and select GPA. The average select GPA has been much greater than 3.25 for those who advanced into the program in previous semesters.

TEAS for competitive students: Students will be measured in the basic essential skills in academic content areas of reading, mathematics, science, and English and language usage. To prepare for the exam, students should visit the ATI testing [13] website to review the resources available from the creators of the exam. The minimum required TEAS score is 58.7%. Direct admit students are not required to take the TEAS, but it is highly recommended.

Students who do not meet the minimum select GPA and TEAS scores are withdrawn from consideration due to ineligibility.

Admission requirements may change with each advancement cycle. Students are to refer to the advancement guide for current requirements.

Accelerated BSN prelicensure clinical nursing program

Placement in the accelerated prelicensure clinical nursing program is based on clinical space availability. More students may request placement than clinical space will allow. Placement is not guaranteed. The program is a 12-month year-round program with starting semesters in spring (Downtown Phoenix) and fall (Lake Havasu). Summer tuition rates apply for the summer semester, and the program has a program fee.

The prerequisites for this program are BIO 201, BIO 202, CDE 232, CHM 101, HCR 220, HCR 240, MIC 205/206, NTR 241, PSY 101 and a statistics course that meets the General Studies CS requirement. Eight of the 10 courses must be completed by the application deadline with a minimum GPA for the semester in which the student applies. Science courses must be taken within seven years of the semester in which the program will start.

Grades of "C" (2.00) or better must be earned in each prerequisite course and a minimum cumulative GPA of 3.00 for the prerequisites mentioned above is required by December 15. Courses with a grade of "C" or better may not be repeated to improve the prerequisite GPA. Students should see their academic advisor for limited replacement course options.

Placement is based on a select GPA and a TEAS score of 58.7% or higher and the test must have been taken less than one year prior to the application deadline. Eligibility requirements, criteria for placement and measurements are subject to change. The select GPA will be computed based on eight of 10 prerequisite courses. If only eight prerequisite courses are completed by the placement deadline, the student's select GPA will include all eight of the courses, four of which must be science courses. If the student has more than eight courses completed, they must select at least three of four lab sciences and then choose five other courses.

Nursing faculty may opt to adjust the courses and the GPA requirements in the selection process.

Admission requirements may change with each advancement cycle. Students are to refer to the advancement guide for current requirements.

Program fee – accelerated BSN prelicensure clinical nursing program: There is a $5,500 program fee per semester or term for the accelerated BSN pathway in addition to regular tuition and fees. This totals approximately $16,500 in program fees plus regular tuition and fee charges. Fees are subject to change and are nonrefundable. All tuition and fees are subject to change.

Concurrent enrollment program

The concurrent enrollment program is designed for qualified nursing students who are interested in earning their BSN in nursing while simultaneously pursuing their AAS in nursing at a community college. Selected students will be enrolled in the community college program and ASU RN to BSN courses concurrently. RN to BSN courses taken at ASU will be delivered in an online format. The concurrent enrollment program allows students to pursue an AAS in nursing via the

community college while providing an affordable, concurrent course of study that enables students to complete their BSN degree in approximately one to two semesters after graduating with their AAS degrees.

Course grades and currency

Students in the nursing programs must earn grades of "C" (2.00) or better in all nursing coursework except in nursing practice courses in which a designation of a "Y" (satisfactory) or "P" (pass) grade is required. In addition, students are allowed only one nursing course failure (i.e., grade below "C"). The second failure in a nursing course will result in disqualification from the nursing major.

For the traditional prelicensure and accelerated clinical nursing programs, the science courses CHM 101, BIO 201, BIO 202, MIC 205, MIC 206, and HCR 240 must be current within seven years of the program start date.

Undergraduate nursing courses (prefix: NUR) expire after five years. After course expiration, students must re-enroll in the course and must earn a grade of "C" or higher. Students may earn university elective credit or General Studies credit for the original course.

Concurrent degrees

Concurrent degrees are multiple degrees with one conferral date. The student receives both degrees at the same time regardless whether coursework for one degree is completed prior to the other degree. To pursue concurrent degrees, students must be in good academic standing.

A student desiring a concurrent degree program must meet with an academic advisor in both degree programs to learn about degree and graduation requirements and the eligibility requirements for submitting a petition. Both academic success specialists should review the graduation plan that outlines the courses the student will take each semester through graduation.

A student pursuing a concurrent degree must submit a university petition requesting the concurrent degree. Students can find more information on Nursing and Health Innovation website at https://nursingandhealth.asu.edu/student-life/current-students/policies-handbook [1].

The concurrent degree petition must include:
1. an accurate degree completion plan that has been reviewed by academic success specialists from both degree programs and that shows the courses to be taken each semester through graduation
2. a formal statement outlining the request for concurrent degrees which may include short- and longer-term personal and career objectives and goals

The Edson College of Nursing and Health Innovation petitions subcommittee will review the student's concurrent degree request. Concurrent degrees may not be from the same discipline or have significant overlap in the courses required for each major.

Approved petitions are forwarded to the university registrar for notation on the student's record.

To remove a concurrent degree, the student should email edsoncollege.advising@asu.edu [14] with the student's full name and ASU ID number as well as which degree the student wants to be removed from the academic record. If the student is pursuing any minors, the student must indicate if they wish to retain the minors.

Reinstatement/readmission

Disqualified students who have skipped a fall or spring semester must follow the procedures for readmission. Information about readmission to the university is at https://admission.asu.edu/undergrad/readmission [15]. Applications for reinstatement and readmission to nursing are subject to rigorous requirements that reflect admission and progression standards.

Other special requirements

Special note: The Edson College of Nursing and Health Innovation periodically needs to implement new policies, protocols and procedures to comply with accreditation, regulatory or clinical health care agency requirements; therefore, policies, protocols and procedures with respect to clinical placement are subject to change. Students should confirm current policies, protocols and procedures with the student handbook at https://nursingandhealth.asu.edu/current-students [16].

Professional licensure

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Since certification and licensure requirements vary by profession and from state-to-state, students should review professional licensure information on the ASU Professional Licensure [17] website to determine if a program meets educational requirements for licensure or certification in a specific state; state licensing contact information also is available on the website.

State authorization

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation. These exceptions are noted on the ASU State Authorizations [18] website.

Titers and immunizations

Prelicensure nursing and DNP students should refer to the appropriate student handbook [16] and application guide for the most recent health and safety requirements.

Level one fingerprint clearance card

Level one fingerprint clearance, in the form of a fingerprint clearance card, is required by Arizona state law in order to work with and care for children, the elderly and vulnerable adults. Fingerprint clearance is determined after a background screening process at the state and federal levels to check for criminal records. Students must have a valid, unrestricted fingerprint clearance card to advance to and remain in the clinical nursing programs. Students with concerns about a restriction may call the Arizona Department of Public Safety at 602-223-2279.

Arizona State Board of Nursing requirement for RN licensure

Once students have completed their clinical nursing program, they must pass a national licensing examination known as the NCLEX-RN in order to obtain a nursing license. Application for and passage of the NCLEX-RN is the sole responsibility of the student. Arizona state law prohibits an individual convicted of a felony from applying for nursing licensure or certification until five years after the date of absolute discharge of the sentence. This means that all court-ordered terms of probation or parole must be completed at least five years prior to the date of application for nurse licensure. Each case is considered by the Arizona State Board of Nursing on its own merits. The elapse of five years does not guarantee licensure or certification; it simply permits the submission of an application and board consideration. In addition, the Arizona State Board of Nursing may deny any application for a license if the applicant has committed any acts of unprofessional conduct. Students should see the Arizona State Board of Nursing [19] website.

Equal access

Students with a disability who have need of assistance or special accommodations can find information about support and access as well as contact information through Student Accessibility and Inclusive Learning Services [20]. Students requesting accommodations for a disability must register with SAILS and must submit appropriate documentation to the instructor from SAILS. For more information, students are asked to review the ASU policy on Eligibility for Accommodations--Required Disability Documentation - SSM 701-02 [21].

Supplemental requirements for the clinical nursing programs

The requirements specified in this section affect a student's progression in the clinical nursing program coursework, eligibility for clinical placement and, ultimately, their licensure as an RN.

Cardiopulmonary resuscitation/basic life support certification: Proof of CPR/BLS health care provider certification is required. Currently, only CPR certification from the American Heart Association as a BLS provider is accepted. Students are required to keep the CPR/BLS certification current throughout advancement consideration and when enrolled in the prelicensure clinical nursing program.

Federal and state background screening: Students must have an unrestricted security background check to advance to and remain in clinical nursing programs.

Substance screening: All students in clinical nursing programs will be required to complete a substance screening. Results of the screen must be negative. Dilute specimens are considered positive. Students will also be tested for nicotine; however, the presence of nicotine will not restrict enrollment in clinical coursework but it will affect the clinical placements while in the program.

Lawful presence: The college follows the Arizona State Board of Nursing policy regarding lawful presence in the United States [22].

> On January 2, 2008, ARS 1-504 (HB2467) was implemented by the board requiring ALL applicants to provide the board with satisfactory documentation demonstrating the applicants' citizenship, alien status, legal residency or lawful presence in the United States.

Required clinical experiences: Clinical hours vary with facility placement and may include 12-hour blocks of time, weekends and evenings. Flexibility is required since there are a limited number of available clinical sites for student experiences. Students must have the ability to utilize written, verbal and computerized communication with faculty, peers and other health care professionals. Students are expected to demonstrate the ability to think critically and apply nursing knowledge to clinical situations. Students are also required to accept professional supervision from faculty and designated staff and effectively integrate feedback into practice.

Graduate policies

Additional policies

Academic advising

Prospective graduate students may receive information through the college recruitment office at 602-496-0937 or edsoncollege@asu.edu [2]. Upon admission, each student is assigned a faculty advisor or mentor within the degree or certificate program or area of concentration.

Handbooks

Students should review the student handbooks for the Edson College of Nursing and Health Innovation for information regarding graduate academic procedures and protocols: Graduate Programs in the Edson College of Nursing and Health Innovation Student Handbooks [1].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Edson College of Nursing and Health Innovation.

Source URL: https://catalog.asu.edu/policies/nursing

Links:

[1] https://nursingandhealth.asu.edu/student-life/current-students/policies-handbook

[2] mailto:edsoncollege@asu.edu

[3] https://provost.asu.edu/academic-integrity

[4] https://nursingandhealth.asu.edu/student-life/current-students/policies-handbook

[5] https://www.asu.edu/aad/manuals/acd/acd401.html

[6] mailto:titleixcoordinator@asu.edu

[7] https://catalog.asu.edu/retention_standing

[8] https://webapp4.asu.edu/myasu/

[9] https://eadvisor.asu.edu/

[10] https://advising.nursingandhealth.asu.edu/apps/nursing/advising/

[11] https://nursingandhealth.asu.edu/admissions/information-sessions

[12] https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/

[13] http://www.atitesting.com/

[14] mailto:edsoncollege.advising@asu.edu

[15] https://admission.asu.edu/undergrad/readmission

[16] https://nursingandhealth.asu.edu/student-life/current-students

[17] https://admission.asu.edu/academics/licensure

[18] https://admission.asu.edu/academics/authorizations

[19] http://www.azbn.gov/

[20] https://eoss.asu.edu/accessibility

[21] http://www.asu.edu/aad/manuals/ssm/ssm701-02.html

[22] https://www.azbn.gov/licenses-and-certifications/citizenship-and-alien-status

Watts College of Public Service and Community Solutions policies

Watts College of Public Service and Community Solutions believes our students are our greatest resource. We strive to put the well-being of our students at the center of every policy and program. Each student situation is unique, and we encourage our students to work directly with our talented advising staff to address concerns and issues within the stated policies and procedures.

Academic integrity

Watts College of Public Service and Community Solutions' academic integrity process models the ASU process. For more information on the process, including next steps, students should review https://publicservice.asu.edu/grievance-process [1].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [2].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [3], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference www.asu.edu/reportit/ [4].

Undergraduate policies

Academic standing

Students in Watts College of Public Service and Community Solutions are considered to be in good standing for the purpose of retention if they maintain a cumulative GPA of 2.00 or greater in all courses taken at ASU. Certain majors within Public Service and Community Solutions may require a progressively higher GPA than 2.00 as a student advances toward their degree. These requirements are outlined in the student's major map.

Changing majors

A student changing their major into Watts College of Public Service and Community Solutions should have a GPA of 2.00 or greater.

Probation

Any student who does not maintain good standing is placed on academic probation. A student on academic probation is required to observe any limitations or rules the college may impose as a condition for retention.

Disqualification

A student who is on probation becomes disqualified if either of the following occurs:

- The student has not returned to good standing.
- The student has not met the required semester GPA.

Disqualification is exercised at the discretion of the college and becomes effective on the first day of the fall or spring semester following college action. A disqualified student is notified by the dean of the college and is not allowed to register for a fall or spring semester at the university until reinstated. A student who is disqualified may not attend as a nondegree student.

Advising

The mission of Watts College of Public Service and Community Solutions' professional academic advising staff is to assist students in developing meaningful educational plans for meeting their academic, career and personal goals; this is done through an ongoing process of evaluation and clarification. The advisors strive to perform their duties in a professional, ethical, confidential, accurate and supportive manner, respecting student diversity and needs and always holding the individual in highest regard. The student and advisor should accomplish this process in a spirit of shared responsibility to help the student develop academic excellence, strong decision-making skills and self-reliance. A student who has been admitted to Watts College of Public Services and Community Solutions works with professional advisors and student services staff with expertise in the student's major area of study. Questions about advising should be directed to the student's advising team or to the Public Service and Community Solutions student services office.

Contact information for college advising can be found at https://publicservice.asu.edu/advising [5].

Mandatory advising

The following categories of students are required to receive advising and be cleared by a program advisor before they may register for classes:

- all first-year students
- all students majoring in social work
- readmitted students
- students on probation
- students who have been disqualified
- students with special admission status
- students with admission competency deficiencies
- transfer students in the first semester at ASU

Credit/registration

Course load

A normal course load per semester is 15 or 16 credit hours. The maximum number of hours for which a student can register is 18 credit hours (fall or spring semesters) unless an overload petition has been approved by the department or school standards committee and dean or dean's designee. Semester course loads may be further limited for students in mandatory advising status. Petitions for overload ordinarily are not approved for students who have a cumulative GPA less than 3.00 and who do not state valid reasons for the need to register for the credits. Students who register for an excess of 18 credit hours and do not have an approved overload petition on file may have courses randomly removed through an administrative drop action. Specific degree requirements are explained in detail under the respective college, school and department sections.

Degree requirements

Interdisciplinary public service requirement

Watts College of Public Service and Community Solutions has a college-level graduation requirement for all undergraduate students majoring within the college. This degree requirement is called the interdisciplinary public service requirement. Each student must complete coursework from other schools within the college. Students may choose a core course from their major and two courses from the approved course list for this requirement in addition to completing ASU 101-CPP, which must be completed in the first year at ASU; the other courses can be taken while completing the degree. The approved course list for each catalog year is available on the major map. Questions about this requirement should be directed to the academic advisor for the major.

Solution-based learning requirement

Watts College of Public Service and Community Solutions has a second college-level graduation requirement for all undergraduate students majoring within the college. This degree requirement is called the solution-based learning requirement. Each student must complete coursework from their school or another school within the college that has an SBL designation. Students must choose a course from the SBL list to meet this requirement. The approved course list for each catalog year is available on the major map. Questions about this requirement should be directed to the academic advisor for the major.

Concurrent degrees

Watts College of Public Service and Community Solutions supports students who wish to pursue concurrent degrees. The structure of a student's academic program is customized to meet degree requirements for both programs of study. Students are encouraged to meet with an academic advisor from each degree to establish a feasible program of study and fill out a concurrent degree petition. Students should note that pursuing a concurrent degree will require paperwork from both colleges.

Reinstatement/readmission

Students seeking reinstatement after disqualification should contact Watts College of Public Service and Community Solutions student services office regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process [6]. All academic disciplinary action is the function of the Watts College of Public Service and Community Solutions student services office under the direction of the dean of the college. Students having academic problems should contact Watts Advising at 602-496-1658 or https://publicservice.asu.edu/advising [7].

Graduate policies

Advising

Advising is usually handled by a professional academic graduate advisor, graduate faculty or a committee. Once admitted, each student is typically assigned an advisor in their degree's department; this advisor assists in planning a course of study. For degree programs that require the completion of a thesis or dissertation, a chairperson and thesis or dissertation supervisory committee is selected by the student, approved by their degree program's director of graduate studies, and appointed by the dean of the Graduate College. Each graduate degree program in Watts College of Public Service and Community Solutions has its own set of policies regarding academic performance expectations. Students should contact their graduate advisor to review policies relevant to their degree.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and Watts College of Public Service and Community Solutions.

Source URL: https://catalog.asu.edu/policies/public_programs

Links:
[1] https://publicservice.asu.edu/grievance-process
[2] https://www.asu.edu/aad/manuals/acd/acd401.html
[3] mailto:titleixcoordinator@asu.edu
[4] https://catalog.asu.edu/policies/www.asu.edu/reportit/
[5] https://publicservice.asu.edu/advising
[6] https://admission.asu.edu/undergrad/readmission

Mary Lou Fulton Teachers College policies

ASU's Mary Lou Fulton Teachers College creates knowledge, mobilizes people and takes action to improve education. Mary Lou Fulton Teachers College faculty create knowledge by drawing from a wide range of academic disciplines to gain insight into important questions about the quality of teaching and learning and the performance of education systems. Mary Lou Fulton Teachers College mobilizes people through bachelor's, master's and doctoral degree programs, through nondegree professional development programs and through socially embedded, multilateral community engagement. Mary Lou Fulton Teachers College takes action by bringing people and ideas together to increase the innovation capabilities of individual educators, schools and organizations, districts and communities.

Mary Lou Fulton Teachers College embraces a core value of principled innovation through which we hold ourselves accountable to three imperatives:

Economic imperative: We need to prepare learners for the next economy.

Democratic imperative: We need to prepare students to become part of an educated citizenry capable of assuming the responsibilities of self-government and of participating in a thriving civil society.

Equity imperative: We need to deliver equitable and excellent education to all learners.

For more information, students should visit the Education website [1].

Academic integrity

Academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal.

Mary Lou Fulton Teachers College strictly adheres to the ASU Student Academic Integrity Policy and appeal procedures. Further information can be found on the Academic Integrity [2] website. The associate dean of academics handles all questions and concerns related to academic integrity violations in the Mary Lou Fulton Teachers College. Both students and faculty can contact the academic integrity officer to report an academic integrity violation or to ask questions related to academic integrity policies and procedures.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [4], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference www.asu.edu/reportit/ [5].

Undergraduate policies

Academic standing

Satisfactory academic progress and professional conduct policy

In order to remain in good standing in the Mary Lou Fulton Teachers College, students must maintain satisfactory academic progress consisting of both academic performance and adherence to the Teachers College Professional

Responsibilities Standards. This document sets forth the standards and expectations for satisfactory academic progress and good standing and explains the consequences of failure to meet these standards.

In addition to the policies stated herein, students are expected to abide by applicable university and Arizona Board of Regents policies, including the ASU Student Code of Conduct [6], the ASU Student Academic Integrity Policy [7], as well as all policies, procedures, rules, regulations and requirements established by the local education agency, school district or school in which they are engaged in professional experiences, internships or residency. Failure to do so may lead to consequences that include dismissal from the program and expulsion from the university.

Section I: Academic performance requirements

A. Satisfactory academic progress

Advisors conduct ongoing reviews of students' academic and professional performances in order to determine retention and continuation status. Students with records containing indicators of professional or academic concerns may be placed on academic probation or academic suspension or may be dismissed (permanently removed) from their programs or from the college.

These are the requirements all undergraduate students must meet in order to achieve a satisfactory academic performance:

1. Undergraduate students in teacher preparation programs must maintain an overall cumulative GPA of 2.25 or higher. Students enrolled in educational studies must maintain an ASU GPA of 2.0 or higher.
2. Students must achieve a "C" grade or better in all courses listed on the plan or program of study, including secondary education content area courses. Earning a grade of "W" or "I" in more than one course may be considered a lack of academic progress.
3. Students must pass all required professional experiences, including internships and residencies, with a grade of "C" or better.
4. Students must maintain good standing as outlined in the professional responsibilities standards section. Students who violate professional responsibilities may be placed on academic probation or suspension or may be recommended for dismissal.

Definitions

Academic probation: This is the status assigned to a student who has failed to maintain satisfactory academic progress; this is also referred to as being not in good academic standing. A student placed on academic probation is informed of the areas in which program standards are not being met and the actions the student must take to be removed from academic probation and restored to good standing. A student failing to meet the conditions for reinstatement to good standing may be recommended for dismissal from the program.

A student placed on academic probation will be permitted to progress into the next term (unless the next term includes residency) while addressing the deficiency. A student who is on academic probation in which the next term requires residency needs to meet with their advisor to discuss options for the semester.

Academic suspension: An undergraduate student placed on academic suspension may not progress into the next term until all deficiencies have been resolved. Students are required to complete their deficiencies within one calendar year. Failure to do so results in dismissal from the program.

Deficiency: This term describes a required course or another program criterion, such as coursework or GPA, which was not met or was not successfully completed.

Dismissal: Administrative removal from the internship, from residency, from the degree program, or from the college is referred to as dismissal.

When the student is notified of a dismissal, he or she must participate in a meeting with college administration. The student's current and future status is determined after further review by administration.

Professional improvement plan: A professional improvement plan is a tool designed to support students who may be at risk of not progressing in their major or academic plan. The PIP outlines specific action steps a student must complete in order to maintain or return to good standing within their major or academic plan. These are the typical reasons for receiving a PIP:

- poor academic standing (i.e., ongoing academic deficiencies across coursework)
- issues regarding professionalism (classes or professional experience)
- academic integrity violation (plagiarism, cheating, etc.)

Any ASU representative or district partner may refer a student for a PIP. Students who are referred for a PIP will meet with a faculty representative and director of student services to develop a plan for success in the Teachers College.

A student is prevented from further enrollment in any initial teacher or administrator program for any of the following reasons:

- expulsion from Arizona State University
- failure to meet the professional responsibilities outlined in the Mary Lou Fulton Teachers College Professional Responsibilities Standards and the ASU Student Code of Conduct
- failure to resolve academic deficiencies
- noncompliance with a professional improvement plan

B. Unsatisfactory academic progress consequences

GPA and grade deficiencies

Academic probation: Academic probation may be imposed if a student has one of the deficiencies listed below. A student placed on probation will be permitted to progress into the next term (unless the next term includes residency, an applied project or culminating experience) while addressing the deficiency. A student who is placed on probation in which the next term requires residency will need to meet with their advisor to discuss options for the semester.

Academic suspension: Academic suspension will be imposed if an undergraduate student has two or more of the deficiencies listed OR a cumulative GPA below 2.25 (if in a teacher certification program). An undergraduate student placed on academic suspension may not progress into the next term until all deficiencies have been resolved. Students are required to complete their deficiencies within one calendar year. Failure to do so may result in removal from professional program coursework and dismissal from the program.

Deficiencies for undergraduate students:

1. a cumulative GPA less than 2.00, or 2.25 for teacher certification students in the junior and senior years
2. an "I" in an education course or secondary education content course
3. a grade of "D", "E", or "W" in an education course
4. a grade of "D" or "E" in a required secondary education content course

Undergraduate students are not approved for student teaching if they are on academic probation or suspension. Once a student returns to good standing, the student is approved for student teaching.

Professional experience deficiencies --- undergraduate students

The following policies apply to students enrolled in initial teacher certification programs.

1. A student who fails a professional experience or internship may be allowed to retake the professional experience or internship one time if the reasons for failure are judged to be remediable as determined through an appeal process. The first step in the process is a mandatory meeting with a representative of the Executive Director of Academic Services and Division. Details regarding the appeal process and steps will be provided at the meeting. If after an appeal, a student is permitted to retake the professional experience or internship and fails to pass the second time, the student will be dismissed from the teacher or administrator certification program.
2. In some cases, professional experience or internship issues may be nonremediable. These may include actions that cause the sponsoring school district or other organization to suspend or dismiss an intern or teacher or administrator candidate or to demand that the student teacher or intern be removed from the professional

experience or internship due to violations of professional responsibilities standards, violations of a professional code of conduct, district policy, or state or federal law or other inappropriate behavior. The division will determine, based on information from the supervisor, the mentor teacher, the school district, other sponsoring organization, and the student, whether the student actions warrant immediate dismissal from the teacher or administrator certification program without benefit of a period of academic probation or another attempt to pass the professional experience or internship.

3. An alternative certification student whose clinical field placement is terminated by the school district due to reasons unrelated to performance, such as reductions-in-force, will not be recommended for academic probation or involuntary withdrawal on that basis alone. However, if the student does not secure another full-time teaching position, he or she must complete the degree and certification requirements by transferring to a Masters and Certification track and successfully completing the requirements of that program. This means the student may not continue to take classes with an Alternative Certification Pathway cohort.

If a student is in a paid residency, employment is a decision of the local education agency. Decisions related to employment are not made by the college. Students who are dismissed from a professional experience will be required to attend a meeting with college leadership to determine if they are able to retake the professional experience. Students are to refer to the grade appeal process for more information.

C. Reinstatement to good academic standing

To be restored to good academic standing:
1. A student must maintain or improve grades to meet the academic performance requirements.
2. An initial teacher candidate must meet the expectations of any professional improvement plan related to satisfactory academic progress or professionalism while in the program.
3. Students in noncertification programs must meet the expectations of any professional improvement plan related to satisfactory academic progress or professionalism while in the program.

Special note: A student on probation for lack of satisfactory progress in one area (e.g., academic progress or professional responsibilities) who subsequently fails to maintain good standing in the other area is recommended for dismissal. Return to good standing requires satisfactory progress in both areas during the time on probation. Sequential semesters of probation for repeated failures to maintain satisfactory progress are not considered.

Section II: Professional responsibilities (conduct)

A. Satisfactory progress

Professional work is marked by a particular responsibility to the clients served. Educators are trusted with significant power and authority over students and must demonstrate that they adhere to the standards of the profession. Therefore, in addition to academic progress requirements, students are evaluated with regard to Professional Responsibilities Standards as described in this document.

The Mary Lou Fulton Teachers College Professional Responsibilities Standards show the required expectations for all students.

- All initial teacher certification students are expected to meet the professionalism standards in Sections A, B, C, and D at the applying level, as a minimum, throughout their course of study.
- Students in noncertification programs are expected to exhibit professional conduct by meeting all standards in Sections A and B at the emerging level, as a minimum, throughout their course of study. Showing professionalism and growing and developing professionally are expected in all clinical experiences, in preK-12 school-related settings, and in university settings, including in interactions with university faculty and staff.

B. Unsatisfactory progress --- professional responsibilities

Students are informed of an allegation of a violation of or lack of compliance with the Professional Responsibilities Standards, and they have an opportunity to respond. As a general rule, the college seeks to assist students to become professionals by working with the students to develop and improve professional conduct. Students accused of violating or not complying with the professional responsibilities standards meet with the division director or designee and the director

of student services or those otherwise appointed to discuss allegations, and they will be informed of their status in the program after the meeting. Possible sanctions include academic probation, suspension, disqualification or dismissal from the initial teacher certification program.

All other university policies regarding student conduct are in addition to these requirements, and infractions of the ASU Student Code of Conduct may result in additional investigations and consequences through university procedures.

C. Dismissal from clinical experiences (internship or student teaching)

The following policies apply to students enrolled in initial teacher certification programs.

In the event a school district requests that a student be dismissed from an internship or student teaching placement for unprofessional or inappropriate behavior, the intern or teacher candidate will be required to attend a meeting with college leadership to discuss the concerns submitted in the request for dismissal submitted by the school district representative. The student will receive a copy of the dismissal recommendation prior to the meeting with college leadership. During the dismissal meeting, the student will have the opportunity to share details, provide evidence or other supporting documentation to explain the situation from the student's perspective.

Residents who are employed by the local education agency should report their program dismissal to their direct supervisor at the local education agency; this is usually the school principal or human resources director. Continued employment after a dismissal is a decision of the local education agency. If a student is dismissed from their residency placement, their employment with the local education agency may be terminated by the agency. Decisions related to employment are not made by the college.

The student has the option to appeal the dismissal to the Associate Director of Professional Experiences. If it is determined that the allegations of a violation of unprofessional behavior that result in the request for dismissal from the school or the district, or from both, are warranted, one or all of the following actions may result. The intern or teacher candidate:

- will be dismissed from the internship or student teaching placement
- will receive a failing grade (E) for the internship or student teaching course*
- will not be assigned another internship or student teaching placement during the same semester
- in which the teacher candidate was assigned a failing grade
- may not withdraw from the internship or professional experience course or student teaching course, and if a withdrawal is processed by the Office of the Registrar, the grade will be administratively changed to an "E"
- must withdraw from all courses that require concurrent enrollment with internship or student teaching, including any applied project courses taken concurrently with student teaching

*If an intern or teacher candidate wishes to appeal the "E" grade, they can follow the grade appeal process as outlined on the Teachers College [8] website. The first step in the grade appeal process is to meet with the course instructor. Students have 10 business days to appeal a grade. If a teacher candidate wishes to repeat the internship or student teaching and concurrent coursework during the semester following the dismissal, the teacher candidate must show evidence of how they plan to resolve the situation or circumstances which resulted in the removal from the internship or student teaching. The teacher or administrator candidate will be required to meet with college leadership to develop a professional improvement plan outlining expectations for continued professional growth and academic development.

*In the event that the teacher or administrator candidate violates the rules, policies, or procedures for conduct established by the school, district, local education agency, ASU, Teachers College, or the law while working on a professional improvement plan for unprofessional behavior, the teacher or administrator candidate will be dismissed from the teacher or administrator program. Teacher or administrator candidates who are dismissed may not petition to continue in their current academic plan, but they may be eligible to pursue other noncertification degree options within Teachers College or within other colleges at ASU.

Students enrolled in the Professional Pathways Program who are dismissed from a professional experience or fail a professional experience and would like to complete the program without obtaining teacher certification (master's degree

only) must submit a petition for review. Petitions are reviewed on a case by case basis and not all students will be approved to enroll or continue to be enrolled in Professional Pathways Program coursework. Students approved to remain in the professional pathways noncertification option will be required to adhere to the same professionalism standards as students enrolled in certification programs. Failure to adhere to these standards will result in dismissal from the Teachers College.

Appeal process

Academic probation

There is no appeal from the action of being placed on probation. Probation provides warning to the student of the potential for suspension or dismissal.

Grade appeals

Reasons for grade appeal

A student may appeal a grade only when the student can document that one or a combination of the following has occurred:

1. The instructor erred in calculating points or acknowledging timely submission of assignments.
2. The instructor did not apply grading standards equitably; for example, there is evidence of bias due to race, age, sex, religion or national origin.
3. The instructor did not assign grades consistently with the standards and procedures for evaluation announced at the beginning of the course in the course syllabus. The instructor may amend or supplement the standards and procedures during the course by providing written or oral notice to the entire class.

Grade appeal procedure

To receive consideration, grade appeals must be submitted to the course instructor within 10 business days of the last date for posting final grades, as noted in the academic calendar. The academic calendar is available at https://students.asu.edu/academic-calendar [9].

Step one: informal meeting with instructor --- This step is mandatory and applies to an appeal of course grades only.

1. The student must contact the instructor of the course and submit the attached grade appeal. The student must provide to the instructor any additional relevant documentation to support the appeal and reasons for disputing the grade. The narrative accompanying the grade appeal form may not exceed five double-spaced pages.
2. The student must meet with the instructor either face to face or, in the case of online classes only, virtually. If this meeting does not resolve the grievance, the student may move to step two and submit the grade appeal form to the appropriate contact in the Office of Student Services.

If the required meeting with the instructor has not taken place, the appeal will be accepted only if the student supplies evidence that the student contacted the instructor and has received no reply for five business days or has been unable to schedule a meeting within 10 business days of the date of contact. If the student does not receive a response from the course instructor within five business days, the student should move the appeal to step two. Appeals received after 10 business days will not be accepted.

Step two: grievance submittal --- If the grievance is not resolved in step one, the student should contact the executive director of Academic Services at 480-965-5555.

Step three: reviews of the grade appeal --- The executive director of student services will review the grade appeal and may request additional information. The grade appeal will be forwarded to the vice dean for review. The vice dean will review all information and will notify the student of the outcome.

Step four: appeal of the decision

- Per university policy, if not satisfied with the outcome, the student may appeal the vice dean's decision to the dean within five business days of receiving the vice dean's decision.
- To submit an appeal to the Student Issues Committee, the student must forward the original appeal and the vice dean's response to the associate dean of academic systems, who will begin the appeal process with the committee.
- Only the issue appealed to the vice dean may be appealed; no new issues or complaints may be added.
- The student has the option to request to appeal before the committee.
- The Student Issues Committee will make a recommendation to the dean. The dean's decision is final.
- The student will be notified by mail of the outcome.

It is university policy that students filing grievances and those who are witnesses are protected from retaliation. A student who believes they are a victim of retaliation should immediately contact the dean of the college in which the course is offered.

More information on university grading policies is available on the ASU Catalog grade appeal policy page at https://catalog.asu.edu/appeal [10].

During the time of the appeal, a student may register for courses; however, if the appeal is denied and the student is withdrawn, university policies on tuition refunds will be applied. Any concerns about tuition charges should be addressed to the Student Business Services office.

Advising

The Office of Student Services is dedicated to providing students with the very best academic support and guidance in every phase of a student's academic program. Academic program advisors provide students with assistance in selecting classes and in fulfilling program requirements. Each ASU campus has dedicated academic advisors knowledgeable about all Mary Lou Fulton Teachers College programs. Students should see the Education undergraduate student services [11] webpage for advising locations and contact information. Students are encouraged to meet with their advisors every semester.

Credit/registration

Students are limited to a maximum of 18 credit hours per term. Enrollment in additional credit hours requires college academic advisor approval.

Audit

Teachers College students are permitted to audit any course that is not part of the professional pathways curriculum. Additional university fees are assigned to courses when the audit option is chosen.

Course prerequisites

Enrollment in upper-division professional pathways coursework requires approval from Teachers College. Students should review current course descriptions for course prerequisites.

Incomplete grades

Incomplete grades are only issued if a student is in good standing in the course and experiences an extenuating situation resulting in the inability to complete the course on time. Incompletes issued for courses not leading to Arizona teacher certification must be completed one calendar year from the initial grade assignment. Students enrolled in an initial teacher certification program must complete courses for which they received "I" (incomplete) grades before the start of student teaching.

Grade appeals

The grade appeal policy for courses offered in the Mary Lou Fulton Teachers College is available on the Education student forms and policies [12] page. Students attempting to appeal grades must first discuss the reasons with the course instructors. Appeals must be filed by the deadline stated in the policy.

Pass/fail

A "Y" (satisfactory) grade is assigned to a passed course and an "E" grade is assigned to a failed course. Only the "E" grade is computed in the ASU cumulative GPA.

Transfer

Students may transfer a maximum of 64 credit hours from two-year institutions. There is no limit to the number of credits transferred from four-year institutions. Students interested in substituting previous teacher preparation courses for current professional pathway Teachers College courses must submit the petition for adjustment of requirements to the Office of Student Services at their chosen campuses.

Any transfer student who is interested in starting an initial teacher certification pathway must submit an online form, have a cumulative GPA of 2.50, have completed 60 credit hours, and fulfill specific course requirements as outlined by each education major. Students who complete the Associate of Arts in elementary education, Arizona community college MyPath2ASU and Maricopa MAPP MyPath2ASU meet the requirements for progression into the professional pathway.

Withdrawal

Students should review the Mary Lou Fulton Teachers College undergraduate withdrawal policy [12] and the current university withdrawal procedures [13]. It is each student's responsibility to withdraw from courses. Students are not automatically withdrawn for nonattendance.

Degree requirements

Students who begin at ASU as first-year students follow the major maps for their chosen programs. The major map is an outline that students follow each term for enrollment. Students who have attended only ASU have their progress reviewed at the completion of each term to ensure that they are on track for graduation. Transfer students must attend an advising session in which they will learn the degree requirements as well as minimum eligibility requirements for degree completion. Students must fulfill clinical experience, student teaching or service learning requirements as part of degree completion. Mary Lou Fulton Teachers College is committed to providing support and resources for students needing academic or professional growth assistance.

To be in good standing in Mary Lou Fulton Teachers College, undergraduate students in teacher preparation programs must maintain an overall cumulative GPA of 2.25 or higher. Students enrolled in educational studies must maintain an ASU GPA of 2.00 or higher. Students are evaluated in accordance with the Mary Lou Fulton Teachers College retention and continuation policy. Students in the professional pathway are formally reviewed regarding their academic progress to determine retention and continuation status. Students with records that contain indicators of professional or academic concerns will be placed on probation, suspension or permanently removed from their programs.

Students who exhibit unprofessional behaviors or attributes are required to meet with a Mary Lou Fulton Teachers College administrator to develop a professional improvement plan, which outlines the expectations for continuing in the program. Such students are placed on probation or suspension and are subject to the disqualification policy of Mary Lou Fulton Teachers College. Students should refer to the retention and continuation policy [12] for additional information.

Concurrent degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree a student pursues.

Requirements for students who wish to pursue a concurrent degree:

- Students must be in good academic standing, maintaining a minimum cumulative GPA of 2.50 or greater. (Exception: Students enrolled in the educational studies degree program must maintain a minimum cumulative GPA of 2.00.)
- Students must inform their Teachers College advisor of each degree being pursued as a concurrent degree. This information is important to the department's record-keeping, and it may affect recommended courses.
- Students studying secondary education may not pursue a concurrent degree in the same area as their content area.
- If one of the degrees is offered through another college, the student must contact that college and complete its required procedures for requesting and pursuing concurrent degrees.

Reinstatement/readmission

Applications for reinstatement and readmission are reviewed by the director of undergraduate student services on a case-by-case basis.

Other special requirements

Student teaching requirements

The following policies apply to students enrolled in initial teacher certification programs.

Academic requirements

To be eligible to progress into residency, a student must be in good academic standing with the Teachers College and all outstanding courses. Students who have academic deficiencies as outlined above will not be approved to participate in residency until the deficiencies are completed. For undergraduates, this includes General Studies, foundational course requirements, electives in major and minor requirements.

Students wish to take a course concurrently with student teaching, in addition to the courses required during student teaching, must submit a petition for review by the advising coordinator. The course must be offered in the evening or online and not conflict with student teaching contracted hours.

Essential functions of student teaching or administrator internship

As a credentialing institution of the State of Arizona, the mission of the Mary Lou Fulton Teachers College is to prepare teachers for service in preK-12 school settings. Teachers College students are required to complete multiple clinical experiences (internships and student teaching) in which they must be able to perform the essential functions of teaching. The essential functions required by Teachers College are in the areas of physical capacity, cognitive flexibility and communication. The ability to perform these essential functions is a requirement for successful completion of the teacher preparation program.

Teaching is a demanding profession that requires a great deal of physical, mental and emotional stamina and in which the safety and well-being of children and youth is paramount. Interns and student teachers spend the majority of their days standing while interacting with preK-12 students in the classroom and other areas of the school grounds. Walking students from one classroom to another and maneuvering through tight spaces between desks or other classroom furniture is commonplace. In early childhood and elementary settings, walking and moving quickly along uneven surfaces on the playground is necessary. Working with preK-12 students also entails kneeling or squatting, stooping and bending from the waist at 50- to 70-degree angles frequently throughout the day. Reaching at, below or above shoulder height to write on chalkboards or white boards and using technology and audio visual equipment requires significant manual dexterity. Occasionally, interns and student teachers will be required to lift or move items weighing up to 30 pounds.

These physical requirements allow the effective teacher candidate to engage students in activities and materials that challenge and sustain the attention of students while carrying out instructional plans.

The cognitive demands of internships and student teaching require that teacher candidates master relevant content in all subjects taught in the assigned classroom, use personal modeling to demonstrate performance expectations with precise and correct command of the English language, provide oral and written feedback that is academically focused, frequent and of high quality, and use content-specific instructional strategies that enhance students' knowledge of content. Student teachers also must be able to provide differentiated instruction to ensure that all children have the opportunity to master what is being taught. In addition, student teachers must maintain emotional control under stress and establish rules for learning and behavior both inside the classroom and on all other areas of the school grounds by monitoring for student safety and behavior. Student teachers are evaluated using the TAP rubric across these essential functions of student teaching. The TAP rubric can be accessed in the Clinical Experiences Handbook provided at orientation.

The physical, cognitive and communicative demands described here are representative of those that must be met by interns and student teachers to perform successfully the essential functions of their assigned clinical experiences. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform these essential functions.

Definitions

Institutional recommendation: All Teachers College certification programs are approved by the State of Arizona Department of Education to issue institutional recommendations to students who have fulfilled the state's requirements for certification. The institutional recommendation allows for expedited issuance of the teaching or administrative certificate.

Student support

Pregnancy leave policy

In accordance with Title IX, students requiring leave are entitled to leave for as long as it is deemed medically necessary by their physician. For absences of less than two weeks for session C courses or one week of leave for session A/B or summer courses, students should be able to make up the missed work without affecting field placement. Longer leaves will be accommodated; however, students are still required to complete all assignments and other requirements that accumulate during their leave prior to the last day of classes. Students who are unable to make up requirements prior to the end of the semester will receive a grade of incomplete ("I") or have the option of applying for a medical withdrawal without loss of any tuition paid that semester. During the leave, absences will be excused and will not negatively impact final grades. Students who need to request leave should meet with the college's coordinated care strategist to develop leave plans.

Accommodations

Mary Lou Fulton Teachers College is committed to student success and ensures an inclusive learning environment for all students. Students with disabilities or disabling health conditions who need accommodations are required to document their condition with Student Accessibility and Inclusive Learning Services. The Mary Lou Fulton Teachers College encourages admitted students with disabilities or disabling health conditions who believe they may need an accommodation to register with SAILS prior to enrolling in the program. That way, all reasonable accommodations can be in place at the beginning of the program. Students who are registered with SAILS will be key participants in establishing reasonable and appropriate accommodations with course instructors. Students must re-register with SAILS every semester for which they would like to receive accommodations.

Additional requirements for teacher certification candidates

Fingerprint clearance card

Per Arizona state statute A.R.S. § 15-106, all teachers and persons who are required to be fingerprinted in order to work in the classroom are required to have an identity-verified fingerprint clearance card. All students enrolling in programs leading to certification must participate in professional experiences. Students participating in a professional experience

must have proof of a fingerprint clearance card on file in the Office of Professional Experiences before clinical placement hours begin.

Intent to progress

All students who start at ASU as first-time first-year students must submit their intent to progress forms to the Office of Student Services during term three, before beginning the Professional Pathway Program in term five. The intent to progress form is located on the Education student forms and policies webpage at https://education.asu.edu/mymlftc/student-forms-policies [12].

Graduate policies

The college offers master's degree and doctoral programs as well as graduate certificates. Some programs also allow students to obtain state or professional certification.

After admission to a degree program, specific advice related to degree requirements and activities is provided by academic advisors in the Office of Student Services. Once admitted, all graduate students are required to submit a plan of study. The plan of study functions as a contract between the student, the academic unit and the Graduate College. The interactive plan of study contains certain degree requirements such as coursework, a committee and a culminating experience. Students can contact an academic advisor for assistance completing the interactive plan of study through the contact information found on their My ASU.

Academic standing

Satisfactory academic progress and professional conduct policy

In order to remain in good standing in the Mary Lou Fulton Teachers College, students must maintain satisfactory academic progress consisting of both academic performance and adherence to the Teachers College Professional Responsibilities Standards. This document sets forth the standards and expectations for satisfactory academic progress and good standing and explains the consequences of failure to meet these standards.

In addition to the policies stated herein, students are expected to abide by applicable university and Arizona Board of Regents policies, including the ASU Student Code of Conduct [6], the ASU Student Academic Integrity Policy [7], Graduate policies and procedures, as well as all policies, procedures, rules, regulations and requirements established by the local education agency, school district or school in which students are engaged in professional experiences. Failure to do so may lead to consequences that include dismissal from the program and expulsion from the university. Graduate students should also refer to the Graduate College [14] website for further information about Graduate College policies.

Section I: Academic performance requirements

A. Satisfactory academic progress

Advisors conduct ongoing reviews of students' academic and professional performances in order to determine retention and continuation status. Students with records containing indicators of professional or academic concerns may be placed on academic probation or academic suspension or may be dismissed (permanently removed) from their programs or the college (graduate students should refer to Graduate College policies).

These are the requirements all graduate students must meet in order to achieve a satisfactory academic performance:
1. Every semester, maintain at minimum a score of 3.00 on the Interactive Plan of Study GPA, the overall graduate GPA, and the cumulative GPA.
    - Interactive Plan of Study GPA: The iPOS GPA is calculated on all courses that appear on the student's approved iPOS.
    - Overall Graduate GPA: The overall graduate GPA is calculated on all courses numbered 500 or higher that appear on the transcript, except courses that counted toward an undergraduate degree at ASU (unless shared with a master's degree in an approved bachelor's or master's degree program) and courses identified as outstanding in the original letter of admission.

- Cumulative GPA: The cumulative GPA represents all courses completed at ASU.

2. Achieve a "C" grade or higher in all courses listed on the plan or program of study, including secondary education content area courses. Earning a "W" or "I" grade in more than one course may be considered a lack of academic progress.
   - Students in master's degree or graduate certificate programs must earn a grade of "B" or better in culminating experience courses (applied project, thesis, capstone, etc.)
   - Doctoral students carrying more than three credits of "I" grades will be considered to not be making satisfactory academic progress.

3. Pass all required professional experiences, including internships, apprentice teaching and residency, with a grade of "C" or better.

4. Maintain good standing as outlined in the professional responsibilities standards section. Students who violate professional responsibilities may be placed on academic probation or may be recommended for dismissal.

5. Doctoral students must pass comprehensive exams by the end of the sixth academic-year semester of enrollment, pass a proposal defense by the end of the seventh academic-year semester of enrollment, and pass a dissertation final defense by the end of the eleventh academic-year semester of enrollment.

Definitions

Academic probation: This is the status assigned to a student who has failed to maintain satisfactory academic progress, also referred to as not in good academic standing. A student placed on academic probation is informed of the areas in which program standards are not being met and the actions the student must take to be removed from academic probation and restored to good standing. A student failing to meet the conditions for reinstatement to good standing may be recommended to the Graduate College for dismissal from the program.

A student placed on academic probation is permitted to progress into the next term while addressing the deficiency, unless the next term includes residency, an applied project or a culminating experience. A student who is on academic probation in which the next term requires residency needs to meet with the advisor to discuss options for the semester.

Deficiency: This term describes a required course or another program criterion, such as coursework or GPA, which has not been met or was not successfully completed.

Dismissal: Administrative removal from the professional experience, from residency, from the degree program or from the college is referred to as dismissal.

Professional improvement plan: A professional improvement plan is a tool designed to support students who may be at risk of not progressing in their academic plan. The PIP outlines specific action steps a student must complete in order to maintain or return to good standing within their major or academic plan. There are three reasons for making a PIP referral:
- poor academic standing (i.e., ongoing academic deficiencies across coursework)
- issues regarding professionalism (classes or clinical experience)
- academic integrity violation (plagiarism, cheating, etc.)

Any ASU representative or district partner may submit a notice of concern to refer a student to college administration for a PIP. Students who are referred will meet with the division representative and director of student services to develop a plan for success in the program.

A student is prevented from further enrollment in any initial teacher or administrator program for any of the following reasons:
- expulsion from Arizona State University
- failure to meet the professional responsibilities outlined in the Mary Lou Fulton Teachers College Professional Responsibilities Standards and the ASU Student Code of Conduct
- failure to resolve academic deficiencies
- noncompliance with a professional improvement plan
- failure to meet ASU Graduate College policies

B. Unsatisfactory academic progress consequences:

GPA and grade deficiencies

Academic probation may be imposed if a student has one of the deficiencies listed below. A student placed on probation will be permitted to progress into the next term (unless the next term includes residency, an applied project or culminating experience) while addressing the deficiency. A student who is placed on probation in which the next term requires residency needs to meet with their advisor to discuss options for the semester. A graduate student with a single semester GPA at or less than 2.00 may be recommended for dismissal without the benefit of a semester of probation.

Students should carefully review the Graduate College policies [15] as Graduate College policies are required of all graduate students at ASU. Students should pay special attention to the policies regarding GPA, the time limit for degree completion, and continuous enrollment.

Deficiencies for graduate students:
1. interactive Plan of Study (iPOS) GPA less than 3.00
2. overall graduate GPA less than 3.00
3. cumulative GPA less than 3.00
4. a grade below a "C" in any required course*
5. a grade of "I" or "W" in a required course, or carrying more than three credit hours of "I" for students in doctoral programs

*Students must repeat a course with a grade below a "C" the following semester it is offered and earn a "C" grade or better. Failure to achieve a "C" or better on the second attempt may result in a recommendation for dismissal from the program.

Students will not be approved for residency if they are on academic probation or suspension. Once a student returns to good standing, the student can be approved to progress into residency.

Graduate students who are placed on academic probation may not be permitted to complete culminating experiences, such as an applied project, until they return to good standing. Doctoral students must be in good academic standing to complete comprehensive exams or to schedule oral defenses.

BAE Educational Studies + MA in Learning Sciences (4+1 Accelerated Program)

Students in the BAE to MA 4+1 program are considered undergraduate students until all undergraduate requirements have been met. Undergraduate students enrolled in the accelerated program will be eligible to enroll in graduate level courses and seminars. However, they will not be eligible for most graduate prerequisites including teaching and research assistantships and related health insurance, financial aid, or graduate award programs until the undergraduate degree is completed.

Students are reviewed on an ongoing basis to ensure academic progress in both bachelor's and master's degree requirements.

- An undergraduate student must maintain a cumulative GPA of 3.00 from the time they have applied to the program (at 75 credit hours completed in the BAE Educational Studies degree) to the time the student begins taking graduate courses (at 90 credits completed in the BAE Educational Studies degree). A student must continue to maintain the 3.00 GPA in all coursework. If a student's GPA drops below a 3.00 between the time they are admitted to the accelerated program and the time they begin their coursework, their admission to the accelerated program may be revoked.
- If the student drops below the 3.00 GPA requirement once the student has started the accelerated program, the student will fall under the policy for graduate students. The student will still be allowed to complete their undergraduate degree, but will no longer be able to complete the graduate degree as part of the accelerated program.

Deficiencies for students in accelerated programs:
1. interactive plan of study (iPOS) GPA below 3.00
2. overall graduate GPA below 3.00
3. cumulative GPA below 3.00
4. a grade below a "C" in any required course (Students must repeat a course with a grade below a "C" the following semester it is offered and earn a "C" grade or better. Failure to achieve a "C" or better on the second attempt may result in recommendation for dismissal from the program.)
5. a grade of "I" or "W" in a required course
6. failure to complete the undergraduate degree within 12 months of the first day of the semester for which the student was admitted to the accelerated program

Professional experience deficiencies

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

- A student who fails a professional experience or internship course may be allowed to retake the professional experience or internship one time if the reasons for failure are judged to be remediable as determined through an appeal process. The first step in the process is a mandatory meeting with representatives for the director of academic services and the division. Details regarding the appeal process and steps are provided at the meeting. If after an appeal, a student is permitted to retake the professional experience or internship and fails to pass the second time, the student is dismissed from the teacher or administrator certification program.

- In some cases, professional experience or internship issues may be nonremediable. These may include actions that cause the sponsoring school district or other organization to suspend or dismiss an intern or teacher or administrator candidate or to demand that the student teacher or intern be removed from the professional experience or internship due to violations of Professional Responsibilities Standards, violations of a professional code of conduct, district policy, or state or federal law or other inappropriate behavior. The division will determine, based on information from the supervisor, the mentor teacher, the school district, other sponsoring organization, and the student, whether the student actions warrant immediate dismissal from the teacher or administrator certification program without benefit of a period of academic probation or another attempt to pass the professional experience or internship.

- An alternative certification student whose clinical field placement is terminated by the school district due to reasons unrelated to performance, such as reductions-in-force, will not be recommended for academic probation or involuntary withdrawal on that basis alone. However, if the student does not secure another full-time teaching position, he or she must complete the degree and certification requirements by transferring to a Masters and Certification track and successfully completing the requirements of that program. This means the student may not continue to take classes with an Alternative Certification Pathway cohort.

If a student is in a paid residency, employment is a decision of the local education agency. Decisions related to employment are not made by the college. Students who are dismissed from a professional experience will be required to attend a meeting with college leadership to determine if they are able to retake the professional experience. Students are asked to refer to the grade appeal process for more information.

Special Note: Students enrolled in the Applied Behavior Analysis Practicum (PSB 580) must follow the policies and procedures found in the ABA Practicum Handbook provided as part of the course, located in the ABA Practicum Canvas Org.

C. Reinstatement to good academic standing

To be restored to good academic standing:
1. A student must maintain or improve grades to meet the academic performance requirements.
2. Students in noncertification programs must meet the expectations of any professional improvement plan related to satisfactory academic progress or professionalism while in the program.

Special note: A student on probation for lack of satisfactory progress in one area (e.g., academic progress or professional responsibilities) who subsequently fails to maintain good standing in the other area is recommended for dismissal. Return

to good standing requires satisfactory progress in both areas during the time on probation. Sequential semesters of probation for repeated failures to maintain satisfactory progress are not considered.

Section II: Professional responsibilities (conduct)

A. Satisfactory progress

Professional work is marked by a particular responsibility to the clients served. Educators are trusted with significant power and authority over students and must demonstrate that they adhere to the standards of the profession. Therefore, in addition to academic progress requirements, students are evaluated with regard to Professional Responsibilities Standards as described in this document.

The Mary Lou Fulton Teachers College Professional Responsibilities Standards show the required expectations for all students.

- All initial teacher or administrator students are expected to meet the professionalism standards in sections A, B, C, and D at the applying level, as a minimum, throughout their course of study.
- Students in noncertification programs are expected to exhibit professional conduct by meeting all standards in sections A and B at the emerging level, as a minimum, throughout their course of study. Students are expected to showing professionalism and grow and develop professionally (sections A and B of the Professional Responsibilities Standards) in all clinical field experience, preK-12 school-related and university settings, including interactions with university faculty and staff.

B. Unsatisfactory progress --- professional responsibilities

Students will be informed of and have an opportunity to respond to an allegation of a violation of or lack of compliance with the Professional Responsibilities Standards. As a general rule, the college seeks to assist students to become professionals by working with the students to develop and improve professional conduct. Students accused of violating or not complying with the Professional Responsibilities Standards will attend a meeting with the college leadership and will be informed of their status in the program after the meeting. Possible sanctions include academic probation, suspension, disqualification or dismissal from the initial teacher or administrator program or graduate program.

All other university policies regarding student conduct are in addition to these requirements, and infractions of the ASU Student Code of Conduct may result in additional investigations and consequences through university procedures.

Notices of concern

The notice of concern is a referral process designed to support all undergraduate and graduate students who may be at risk of not progressing in their academic plan and/or may need additional support from the college.

Students who receive a notice of concern due to unsatisfactory academic or professional conduct may require a meeting with the college leadership. Failure to comply with requests related to such notice may result in probation or dismissal due to unsatisfactory progress.

C. Dismissal from professional experiences (internship or student teaching)

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

In the event a school district requests that a student be dismissed from an internship or student teaching placement for unprofessional or inappropriate behavior, the intern or teacher candidate will be required to attend a meeting with college leadership to discuss the concerns submitted in the request for dismissal submitted by the school district representative. The student will receive a copy of the dismissal recommendation prior to the meeting with college leadership. During the dismissal meeting, the student will have the opportunity to share details and provide evidence or other supporting documentation to explain the situation from their perspective.

Residents who are employed by the local education agency should report their program dismissal to their direct supervisor at the local education agency (usually the school principal or human resources director). Continued employment after a dismissal is a decision of the local education agency. If a student is dismissed from their residency

placement, their employment with the local education agency may be terminated by the agency. Decisions related to employment are not made by the college.

The student has the option to appeal the dismissal to the associate director of professional experiences. If it is determined that the allegations of a violation of unprofessional behavior that result in the request for dismissal from the school or the district, or from both, are warranted, one or all of the following actions may result. The intern or teacher candidate:

- will be dismissed from the internship or student teaching placement
- will receive a failing grade of "E" for the internship or student teaching course*
- will not be assigned another internship or student teaching placement during the same semester in which the teacher candidate was assigned a failing grade
- may not withdraw from the internship or professional experience course or student teaching course (If a withdrawal is processed by the Office of the Registrar, the grade will be administratively changed to an "E").
- must withdraw from all courses that require concurrent enrollment with internship or student teaching, including any applied project courses taken concurrently with student teaching

*If an intern or teacher candidate wishes to appeal the "E" grade, they can follow the grade appeal process as outlined on the Teachers College website at http://education.asu.edu [8]. The first step in the grade appeal process is to meet with the course instructor. Students have 10 business days to appeal a grade. If a teacher candidate wishes to repeat the internship or student teaching and concurrent coursework during the semester following the dismissal, the teacher candidate must show evidence of how s/he plans to resolve the situation or circumstances which resulted in the removal from the internship or student teaching. The teacher or administrator candidate will be required to meet with college leadership to develop a professional improvement plan outlining expectations for continued professional growth and academic development.

*In the event that the teacher or administrator candidate violates the rules, policies, or procedures for conduct established by the school, district, local education agency, ASU, Teachers College, or the law while working on a PIP for unprofessional behavior, the teacher or administrator candidate will be dismissed from the teacher or administrator program. Teacher or administrator candidates who are dismissed may not petition to continue in their current academic plan, but may be eligible to pursue other non-certification degree options within Teachers College or within other colleges at ASU.

Students enrolled in the Professional Pathways Program who are dismissed from a professional experience or fail a professional experience and would like to complete the program without obtaining teacher certification (master's degree only) must submit a petition for review. Petitions are reviewed on a case by case basis and not all students will be approved to enroll or continue to be enrolled in Professional Pathways Program coursework. Students approved to remain in the Professional Pathways noncertification option will be required to adhere to the same professionalism standards as students enrolled in certification programs. Failure to adhere to these standards will result in dismissal from the Teachers College.

Special situations

Intern certificate students: Students in a professional pathways program are in multiple interdependent roles as:

- employees of a school or school district
- holders of an Alternative Teaching Certificate from the Arizona Department of Education, and
- graduate students at Arizona State University

The teaching position may require that the student hold the Alternative Teaching Certificate; however, not all teaching positions require students to hold the certificate and may vary by state. Out-of-state students need appropriate certification in their state, if required. The Alternative Teaching Certificate requires the college to certify to the Arizona Department of Education that the student is enrolled in a teacher preparation program and in good academic standing. The intern certificate is valid for two years. If a third year is required for program completion, the intern cert needs to be renewed. At the completion of the second year, only students in good academic standing will be eligible for an institutional recommendation to obtain a provisional teaching certificate.

An alternative teaching student who ceases to be eligible for his or her intern certificate is no longer eligible to continue in the alternative pathway to teacher certification program. The student may be allowed to complete the degree and certification requirements by enrolling in the Masters and Certification Professional Pathway track of the program. More information is available from the Office of Student Services.

Note: Due to the intensity of program coursework and apprentice teaching, students participating in an alternative pathway are not permitted to enroll in courses outside of the prescribed program of study without approval from the program. Students wishing to concurrently enroll in a graduate certificate or degree program should work with their advisor to complete a Mary Lou Fulton Teacher's College petition, which will be reviewed on a case-by-case basis by program and may require approval from the academic division.

Completion of residency and applied project: As a part of a student's degree requirements, all students must complete an applied project course (secondary: SED 593; special education: SPE 593; elementary education: EED 593). The purpose of the applied project is to act as a culmination of student work throughout the program and to enhance the student teaching experience. As a part of this course, students will begin by formulating a topic that they will be researching with a group of students throughout the entire semester, typically those in their internship, student teaching, or apprentice teaching placement and with their placement school's permission. A grade of "B" or better is required to pass the course and graduate from the master's program.

In those cases in which a student enrolled in an applied project course must leave their placement or has completed the required placement hours, they will be required to use data from past placement courses or retain permission from a previous placement to gather additional data as needed. This is vital as students will need to complete the necessary research for the project. Students dropping both courses will still need to maintain the ASU Graduate College policy of continuous enrollment, either by completing at least one credit of graduate level coursework or with an approved medical or compassionate withdrawal for the semester.

Applied project retake: Students who successfully complete their student teaching placement but do not pass the applied project ("B" or better) are required to complete the next available corresponding applied project course; this also applies to students who must complete the program without certification. Students must have access to a group of children in the relevant age group (preapproved by any organization they might belong to) which they must locate themselves. Students must also contact the instructor of the applied project course before the end of the first week of class to discuss their situation, including that they will not be completing their project in an ASU placement.

Appeal process

Academic probation

There is no appeal from the action of being placed on probation. Probation provides warning to the student of the potential for suspension or dismissal.

Grade appeal procedure:

To receive consideration, grade appeals must be submitted to the course instructor within 10 business days of the last date for posting final grades, as noted in the Academic Calendar [9].

Official course grades are listed on My ASU via the student's transcript. Students should check their transcripts regularly following the grade posting date for each term. In the event there is a discrepancy between the final grade noted in the transcript and the grade the student expected to receive based on the Blackboard gradebook, students must contact the instructor within 10 business days of the last date for posting final grades, and they may then follow the appeal process outlined below.

Reasons for grade appeal

A student may appeal a grade only when they can document that any of the following has occurred:

1. The instructor erred in calculating points or acknowledging timely submission of assignments.

2. The instructor did not apply grading standards equitably; that is, there is evidence of bias such as due to race, age, sex, religion or national origin.
3. The instructor did not assign grades consistently with the standards and procedures for evaluation announced at the beginning of the course in the course syllabus. (The instructor may amend or supplement the standards and procedures during the course by providing written or oral notice to the entire class.)

Grade appeal procedure

To receive consideration, grade appeals must be submitted to the course instructor within 10 business days of the last date for posting final grades, as noted in the Academic Calendar [9].

Step one: informal meeting with the instructor --- This step is mandatory and applies to an appeal of course grades only.
1. The student must contact the instructor of the course and submit the attached grade appeal. The student must provide to the instructor any additional relevant documentation to support the appeal and reasons for disputing the grade. The narrative accompanying the grade appeal form may not exceed five double-spaced pages.
2. The student must meet with the instructor either face to face or, in the case of online classes only, virtually. If this meeting does not resolve the grievance, the student may move to step two and submit the grade appeal form to the appropriate contact in the Office of Student Services.

Note: If the required meeting with the instructor has not taken place, the appeal will be accepted only if the student supplies evidence that the student contacted the instructor and has received no reply for five business days or has been unable to schedule a meeting within 10 business days of the date of contact. If the student does not receive a response from the course instructor within five business days, the student should move the appeal to step two. Appeals received after 10 business days will not be accepted.

Step two: grievance submittal --- If the grievance is not resolved in step one, the student may forward the grade appeal to the executive director of Student Services.

Step three: reviews of the grade appeal --- The executive director of student services will review the grade appeal and may request additional information. The grade appeal will be forwarded to the vice dean for review. The vice dean will review all information and will notify the student of the outcome.

Step four: appeal of the decision
- Per university policy, if not satisfied with the outcome, the student may appeal the vice dean's decision to the dean. The student must appeal within five business days of receiving the vice dean's decision.
- To submit an appeal to the Student Issues Committee, the student must forward the original appeal and the vice dean's response to the associate dean of academic systems, who will begin the appeal process with the committee.
- Only the issue appealed to the vice dean may be appealed; no new issues or complaints may be added.
- The student has the option to request to appeal before the committee.
- The Student Issues Committee makes a recommendation to the dean. The dean's decision is final.
- The student will be notified by mail of the outcome.

It is university policy that students filing grievances and those who are witnesses are protected from retaliation. A student who believes they are a victim of retaliation should immediately contact the dean of the college in which the course is offered.

For more information on university grading policies, students should see the ASU graduate appeal policy [10] page. During the time of the appeal, a student may register for courses; however, if the appeal is denied and the student is withdrawn, university policies on tuition refunds will be applied. Any concerns about tuition charges should be addressed to Student Business Services.

Graduate students - appealing a recommendation for dismissal from a program

The ASU Graduate College admits students to graduate study at Arizona State University. Students who fail to make satisfactory academic progress may be involuntarily withdrawn (dismissed) from their academic programs by the ASU Graduate College upon the recommendation of the college. The student has the right to appeal a recommendation for dismissal.

These are the steps in the dismissal process:

1. The advisor sends an informal notice of dismissal recommendation to the student. The student has 10 days to respond to the notice and provide any supporting documentation for review and reconsideration of the recommendation for dismissal.
2. The student receives formal notice from the executive director of student services that a recommendation for dismissal from the program is being made to the ASU Graduate College.
3. Within 10 business days of receiving this notice, the student may appeal in writing to the appropriate vice dean in Mary Lou Fulton Teachers College.
4. If the appeal is denied by the vice dean, the student may continue the appeal process to the Mary Lou Fulton Teachers College Student Issues Committee (Dean's Designee). Appeal materials can be sent to the associate dean of academics. Failure to file the appeal within 10 business days of the date of notification will result in an automatic denial of the appeal.

If the appeal is denied by the Student Issues Committee (MLFTC Dean), the dismissal recommendation will be forwarded to the Graduate College for final review and recommendation.

Other graduate policies

Continuous enrollment and re-entry for graduate programs

Once admitted to a graduate program, the student must be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. If a plan of study must be interrupted for one semester, the student may apply to the Graduate College for a leave of absence not to exceed one semester. An application for leave status, endorsed by the division director or designee, must be approved by the Graduate College; for a doctoral student, the leave must also be endorsed by the members of the student's supervisory committee. This request must be filed and approved prior to the semester of anticipated absence. A student on leave is not required to pay fees and is not permitted to place any demands on university faculty or use any university facilities. Students may be continuously enrolled by registering for one credit hour of continuing registration; students should contact an academic advisor for more details. A student who interrupts a program without obtaining an approved leave of absence may be removed from the degree program by the Graduate College.

Concurrent degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree a student pursues.

For concurrent master's degrees, concurrent master's and doctoral degrees and concurrent doctoral degrees, students must follow the Graduate College policies [16].

Graduation requirements

A candidate for a graduate degree must satisfactorily complete the culminating experience requirements required by the program. Information is available for each program from the Office of Student Services.

Master's degree programs

In addition to the Graduate College policy and procedures that govern graduate programs at ASU and which are provided elsewhere in this catalog, the policies specific to each master's degree program are provided to students at the time of enrollment in the program. Students are limited to 15 credit hours per semester. Online students are limited to nine credit hours per semester. Exceptions must be approved by the division director. Students who enroll in additional hours may be administratively withdrawn.

Doctoral programs

In addition to the Graduate College policies and procedures that govern doctoral programs at ASU and which are provided elsewhere in this catalog, the satisfactory academic progress and professional conduct policies apply. Additional information specific to a degree program may be provided when students first register for the program.

PhD and EdD satisfactory academic progress and professional conduct policy

Students in doctoral programs may be placed on academic probation for reasons stated in the Satisfactory Academic Progress and Professional Conduct Policy. These include but are not limited to:

- failure to meet the academic requirements of the Graduate College, to have a GPA of 3.00 or to meet the academic requirements of the particular program as stated in the program handbook
- unsatisfactory progress as noted on annual review form by mentor or failure to meet for annual review
- failure to meet the standards of professional conduct or violations of the student conduct code which may result in academic probation, or, for egregious violations, immediate recommendation to the Graduate College for dismissal

In addition to minimum academic requirements and conduct requirements, a student must maintain progress to degree completion. A student can be recommended to the Graduate College for dismissal for failure to meet the Graduate College policies.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and abide by all university policies.

Student support process

The notice of concern is a referral process designed to support all graduate students who may be at risk of not progressing in the academic plan for their major and who may need additional support from the college.

The following outlines the steps taken in the referral process.

1. The instructor, site coordinator or other university representative discusses concerns with the student and informs the student that a notice of concern will be submitted to college leadership. Depending on the nature of the referral, the student may be required to attend a meeting with college leadership to offer additional support.

2. If the referral is made for a violation of the academic or professional code of conduct or unprofessionalism, the student will be required to attend a mandatory meeting to discuss the alleged violations. This meeting provides the student with an opportunity to share their side of the situation. At the meeting, a professional improvement plan agreement is developed with input from the student and college administration. Students working on a PIP are placed in probationary status in the college until requirements of the PIP are met. Some violations of professionalism or academic integrity may result in immediate dismissal from the program or placement.

3. If the referral is not for a violation of academic or professional conduct, a student support consultation meeting is conducted. This meeting provides students with resources and additional university-wide support. At the meeting, student needs are identified and a plan for success is created along with follow-up recommendations.

4. Students are required to attend a follow-up meeting to discuss their status in meeting requirements outlined in their plan. Failure to attend a required meeting or to fulfill expectations outlined in the PIP agreement may result in dismissal from the program.

Additional requirements

Fingerprint clearance card

Per Arizona state statute A.R.S. § 15-106, all teachers and persons who are required to be fingerprinted to work in the classroom are required to have an identity-verified fingerprint clearance card. All students enrolling in programs leading to certification must participate in clinical experiences and student or apprentice teaching. Students participating in clinical experiences must have proof of a fingerprint clearance card on file in the Office of Professional Experiences before field placement hours begin.

Source URL: https://catalog.asu.edu/policies/mlftc

Links:
[1] https://education.asu.edu/
[2] https://provost.asu.edu/academic-integrity/policy
[3] https://www.asu.edu/aad/manuals/acd/acd401.html
[4] mailto:titleixcoordinator@asu.edu
[5] https://catalog.asu.edu/policies/www.asu.edu/reportit/
[6] https://eoss.asu.edu/dos/srr/codeofconduct
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[13] https://students.asu.edu/drop-add
[14] https://graduate.asu.edu/
[15] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[16] https://graduate.asu.edu/policies-procedures

University College policies

University College is spearheading the evolutionary next step in higher education. The college seeks to end achievement disparities for learners of all backgrounds through designing personalized learning experiences, preparing learners for a future of integrated working and learning, and supporting learners at scale using automation, analytics and intelligent systems.

Academic integrity

University College values academic honesty in academia as the basis of shaping students who will become productive workers and contributors to society. University College is committed to supporting student success by supporting accountability. The college uses every opportunity, including academic violations, as learning opportunities for students to gain experience, resources and personal growth.

Academic dishonesty falls into five broad areas that include but are not limited to:

1. cheating on an academic evaluation or assignment
2. plagiarizing
3. academic deceit such as fabricating data or information
4. aiding academic integrity policy violations and inappropriately collaborating
5. falsifying academic records

It is important that students understand what constitutes a violation of academic integrity. Students may view full policy on the ASU Academic Integrity Policy [1] page.

Why is it important?

Academic integrity violations have a negative impact on students, the ASU community and students' future career aspirations.

Academic dishonesty undermines a student's ability to demonstrate their academic excellence. Furthermore, academic dishonesty does not allow instructors the opportunity to develop a student's educational aptitude to prepare them for a career and diminishes the integrity of the ASU academic community.

Who can report academic dishonesty?

Anyone with a good faith basis for believing that a student has engaged in academic dishonesty may report the alleged violation to the instructor or Academic Integrity Officer for the college or school in which the academic dishonesty occurred.

Make a report [2]

Student resources

If students ever find themselves in a situation where they are unsure as to whether an issue could be construed as academic honesty, they should use the resources linked below. Sun Devils are champions of integrity and making the right decision.

Sun Devil integrity resources [3]

Students with questions about ASU's Academic Integrity Policy or alleged violations should contact University College's academic integrity officer Samantha Carter [4] with any questions.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. To view ASU's policy, students should review https://www.asu.edu/aad/manuals/acd/acd401.html [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu [6], call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference www.asu.edu/reportit/ [7].

Undergraduate policies

Academic standing

To be considered in academic good standing in University College, students must achieve a cumulative GPA of 2.00 or higher. Academic standing is determined twice annually --- in December after fall semester grades have posted, and in May after spring grades have posted. Grades earned during summer affect GPA but are not considered for academic standing purposes until the next review period.

Academic warning

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester (fall or spring) is placed on university academic warning.

Academic probation

If a student's minimum cumulative GPA first falls below 2.00 in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

What happens to a student on academic warning or academic probation?

A student on academic warning or academic probation is considered in conditional good standing and is permitted to enroll.

All University College students who are not in good standing are required to meet with an academic advisor and complete an academic success agreement. During the appointment, the advisor will review the prior semester, discuss the student's academic standing status, possibly make adjustments to the course schedule and help the student explore strategies to return to good standing.

Improved performance will help a student earn either a good standing or continued probation status. Students who achieve a cumulative GPA above 2.00 are considered in good standing. Students who achieve a semester GPA above a 2.00 but retain a cumulative ASU GPA below 2.00 are placed on continued probation. Students who fail to achieve a semester or cumulative GPA above 2.00 are subject to disqualification from the university.

All students who receive an academic warning or are placed on academic probation for at least one semester must successfully complete UNI 220 Mindset Connections as a requirement of graduation.

Disqualification

Students who have been disqualified from ASU are not eligible to take classes at ASU during fall or spring semesters; however, enrollment in summer classes is permitted and encouraged. Students may enroll in summer classes at ASU to improve the GPA and bring the cumulative ASU GPA back into good academic standing (2.00).

Students who have had a fall or spring semester lapse in enrollment while on disqualification status will need to submit an application for readmission to ASU [8] to enroll in summer classes or be considered for a future fall or spring enrollment.

Academic advising

All students are encouraged to seek advising from their academic success specialist (this is their academic advisor) prior to registration. Students must review the academic calendar [9] each semester for information and deadlines pertaining to enrollment including course adds, drops and withdrawals.

The ASU academic catalog is the governing source for all degree requirements. Students are expected to read the requirements for university General Studies [10], college graduation [11] and major degree requirements. The academic success specialist will provide guidance.

Contact advising: exploratory@asu.edu [12]

Mandatory advising

The following students in University College must receive advising clearance prior to course registration:

- new students in all exploratory tracks
- new students in their first semester of attendance
- readmitted students in their first returning semester
- students on academic probation or continued probation
- students who have been disqualified
- students who are off track for graduation

Students are encouraged to use My ASU [13] to check their advising status requirements each semester before attempting any registration transactions.

Credit/registration

Credit overload petition

A student may take 18 credit hours per semester and 7 credit hours each summer session. Prior to submitting the request for credit overload the student must do the following:

- meet with advisor
- have a legitimate academic reason for making the request
- have a written plan describing in detail how the demands of a heightened workload will be met
- complete a full semester at ASU before the overload semester
- be in good academic standing
- not be repeating a course during the overload term
- be a degree-seeking student
- submit the form at least a week prior to the start of the session
- meet the GPA requirements as outlined on the Credit Overload Petition [14] form

Class overrides

Class overrides will not be considered unless there are specific extenuating circumstances (e.g., if the prerequisite has been completed or will be completed at another institution prior to the start of the class in question). Class override requests will not be considered after the drop/add period for that session (A, B, C) has ended.

The student must complete the Class Override form [14].

Space overrides

Under certain circumstances, the college may approve a student to enroll in a class that has filled the number of allotted seats. Space overrides will not be considered if the room has reached maximum fire code occupancy or if other sections

of the same class are available at another time. Override requests will not be considered after the drop/add period for that session (A, B, C) has ended.

The student must complete the Space Override [14] form.

Transfer credit and appeals

ASU will accept transfer credit for traditional coursework a student has successfully completed at regionally accredited institutions of higher education as documented on an official transcript.

When a student transfers to ASU from another college or university, the following general standards for transfer credits apply:

- ASU accepts college-level (not remedial) courses in which the student has earned a grade of "C-" (scale is 4.00="A") or better from regionally accredited colleges and universities.
- A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college, with the exception of some special programs.
- Acceptable academic credits earned at other institutions that are based on a different unit of credit than the one prescribed by the Arizona Board of Regents are subject to conversion before being transferred to ASU. All ASU students must meet graduation requirements (university, college, major and General Studies requirements) in order to earn a bachelor's degree.
- Grades and honor points earned at other colleges and universities are considered for admission, but the ASU cumulative grade point average is based solely upon coursework taken at ASU.

University College standards

- Requests for General Studies credit may be approved for transfer courses or for ASU omnibus classes (e.g.,294,394, or 494 classes), which are not reviewed by ASU's General Studies committee, and thus, do not carry preapproved General Studies designations.
- Requests for established ASU courses are discouraged; typically, established ASU courses that are not already designated as General Studies courses either do not meet the criteria or the department has decided not to submit them for General Studies designation. Sometimes an instructor will insist that his or her class meets General Studies criteria, but if the university General Studies committee has decided otherwise, the petition will not be approved.

Types of transfer credits NOT accepted by ASU:

- courses for which the student earned a final grade that was lower than "C-"
- credit awarded by postsecondary schools in the United States that lack candidate status or are not accredited by a regional accrediting association
- credit awarded by postsecondary schools for life experience
- credit awarded by postsecondary schools for courses taken at noncollegiate institutions (e.g., governmental agencies, corporations, industrial firms, etc.)
- credit awarded by postsecondary schools for noncredit courses, workshops and seminars offered by other postsecondary schools as part of continuing education programs

A student wishing to transfer to ASU who feels they have been unjustly denied credit for transfer courses may appeal by completing the Transfer Appeal Petition [14].

Repeat/replace policy

Students wishing to repeat courses and possibly replace prior course grades must follow the repeat/replace policy [15] stated in the University Student Services Manual [16] regarding the number of credit hours that can be repeated and the types of courses that are eligible for a grade replacement.

All prerequisites for the course must be met with the required grades before submitting the petition to enroll in a course for the third time or more (even if registration has previously been permitted without them). Students may not repeat a course

for a third time or more if they have passed the course with a "C" grade or higher. Approval to retake a course does not imply that enrollment in a class after the drop/add deadline is permitted or that the student may register for a class section that is already full.

Pass/fail grade options

A grade of "Y" (satisfactory) contributes to a student's earned credit hours but does not affect the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted from the instructor and college offering the course.
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the drop/add period.
- A maximum of 12 credit hours taken for pass/fail may be counted toward graduation.

Students may not enroll under the pass/fail option in the following courses:

- first-year composition requirements
- General Studies requirements

Late registration

In order to add, drop or swap sections of the same course after the official drop/add deadline, the course must be open and course prerequisites must be met or overrides must have been authorized and posted. If this criteria is met, the student should do the following:

1. complete the enrollment change request [14] form
2. include instructor's email approval, which includes course information
3. submit an enrollment change request form to the department up to three business days after the late add deadline to register for a course

Requests received after the three business day deadline will not be approved unless the instructor provides confirmation that the student's grade will not be impacted.

Students should allow at least 24 hours for University College to process the request. If approved, University College will forward the request to the Registrar's Office for processing.

Withdrawals

Course withdrawals

Requests to drop a course after the drop/add deadline are not considered unless there are extenuating circumstances beyond the student's control. In these cases, the student will need to attach an email outlining the extenuating circumstances to the Enrollment Change [14] form. Students may initiate a late withdrawal up to three business days after the deadline by emailing ucacademicservices@asu.edu [17]. Backdated drops will need department approval.

Medical/compassionate withdrawals

What is a medical or compassionate withdrawal?

Students who experience a serious illness, injury, or other significant personal situation that prevents them from continuing classes may request a medical/compassionate withdrawal from the college of their major.

Medical/compassionate withdrawals require relevant and detailed supporting documentation for consideration. Approval is at the discretion of the college and there is no guarantee a request will be approved.

Students may view the full ASU medical/compassionate withdrawal policy at https://students.asu.edu/forms/medical-compassionate-withdrawal-request [18].

Steps for submitting a medical/compassionate withdrawal:

1. meet with an academic advisor to explore the withdrawal procedures
2. work with faculty for alternative class arrangements or incomplete grades
3. consult with a Student Financial Assistance counselor to determine financial obligation
4. review guidelines of required documentation sections below
5. submit the request [14]

Required documentation for medical withdrawal

Students must obtain an official letter from a health care provider on health care provider's letterhead stationery that details:

- the circumstances or challenges of the student
- the date of onset of illness
- dates the student was under professional care
- general nature of the medical condition and why or how it prevented the student from completing the coursework or attending class
- the date of anticipated return to school
- the last date the student was able to attend class

Students making a request for some courses in a semester and not all courses must provide a statement as to why they were successful in some courses, but not others.

Required documentation for a compassionate withdrawal

The official documentation must include a statement from the student explaining the circumstances or challenges they are facing. Documentation should corroborate the request either by strengthening the request or providing a timeline for events.

Example: If the request involves a death, attach a copy of the death certificate, airline itinerary and receipt, and funeral pamphlet showing dates.

Medical/compassionate withdrawal for international students

International students on an F1/J1 visa must consult with the International Students and Scholars Center to discuss the serious immigration consequences that may result from a withdrawal from ASU. Students on an F-1/J-1 visa must provide medical documentation from a U.S. licensed medical doctor, doctor of osteopathy, or licensed clinical psychologist.

Complete session withdrawal

Since a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, beginning the first day of the fall and spring semesters, undergraduate students are required to contact the college or school of their major to facilitate the withdrawal process. Students should review the Academic Calendar [9] for complete session withdrawal deadlines.

To complete a full session withdrawal, students must complete the Complete Session Withdrawal [19] form. Note: International students must contact the International Students and Scholars Center regarding intent to seek a complete session withdrawal by sending an email to issc@asu.edu [20]. Students will be notified of the status of the submission. If approval is granted, the completed session withdrawal will be forwarded to the ASU Registrar's Office for processing.

Degree requirements

Exploratory tracks

All first-year students who choose to become an exploratory student are required to declare an exploratory track in one of four areas:

- exploratory health and life sciences
- exploratory humanities and fine arts
- exploratory math, physical sciences, engineering and technology
- exploratory social and behavioral sciences

Each of these tracks is designed to provide students with introductory courses in a field of choice (e.g., Introduction to Psychology, Introduction to Environmental Design), General Studies education, and elective courses that reinforce student interests. Each exploratory track is composed of a three-semester major map, culminating in the declaration of a major no later than the completion of 45 credit hours.

All exploratory students are required to enroll in a major and career exploration class (UNI 150, 250, or 270) each semester the student remains designated as an exploratory student.

Readmission/reinstatement

Students who have been disqualified from ASU may be reinstated to University College for a fall or spring semester if they complete either of the following:

1. Raise their cumulative ASU GPA to academic good standing levels (2.00) by taking ASU summer session courses.
2. Complete 12 or more transferable credit hours of ASU General Studies courses at a community college or university with no grade lower than a "C" and a GPA of 2.50 or better. Courses in which the student failed or received a "D" at ASU should not be repeated at another institution.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation will have one semester to raise their cumulative or semester GPA to meet the required 2.00 GPA to remain at ASU. Failure to do so will result in disqualification from the university. Students should meet with a University College advisor to identify their options, and develop a plan for success

Students who have been disqualified two or more times will not be reinstated until they achieve an ASU GPA of 2.00 or better by taking summer courses.

Quick re-entry: Students who have had up to a seven-semester absence from ASU may be encouraged to apply for academic renewal as part of the reinstatement process. Students should see an advisor or review the Academic Renewal [21] policy for additional information.

Readmission: Students not eligible for Quick Re-entry must submit an application for readmission for the semester for which they wish to return to ASU. This readmission will be contingent on completing the requirements stated above.

Source URL: https://catalog.asu.edu/policies/uc

Links:
[1] https://provost.asu.edu/academic-integrity/policy
[2] https://asuacademicaffairs-advocate.symplicity.com/public_report/index.php/pid674387?rep_type=1000
[3] https://provost.asu.edu/academic-integrity/resources/students
[4] mailto:Samantha.Carter.1@asu.edu
[5] https://www.asu.edu/aad/manuals/acd/acd401.html
[6] mailto:titleixcoordinator@asu.edu

[7] https://catalog.asu.edu/policies/www.asu.edu/reportit/

[8] https://admission.asu.edu/undergrad/readmission

[9] https://students.asu.edu/academic-calendar

[10] https://catalog.asu.edu/ug_gsr

[11] https://catalog.asu.edu/undergraduatereq

[12] mailto:exploratory@asu.edu

[13] https://webapp4.asu.edu/myasu/

[14] https://sites.google.com/asu.edu/academic-services/home

[15] http://www.asu.edu/aad/manuals/ssm/ssm203-06.html

[16] http://www.asu.edu/aad/manuals/ssm/index.html

[17] mailto:ucacademicservices@asu.edu

[18] https://students.asu.edu/forms/medical-compassionate-withdrawal-request

[19] https://students.asu.edu/sites/default/files/completesessionwithdrawal_nov5_2020.pdf

[20] mailto:issc@asu.edu

[21] https://catalog.asu.edu/retention_standing#reinstatement

Graduate Programs

Graduate Degrees and Certificates (Program Descriptions and Requirements)

Business, W. P. Carey School of

  Accountancy, MAcc (BAACCMACC)

  Business Administration (Accountancy), PHD (BAACCTPHD)

  Business Administration (Agribusiness), PHD (BAAGRIPHD)

  Business Administration (Business Analytics), MBA (BABUSANMBA)

  Business Administration (Computer and Information Systems), PHD (BAINFSYPHD)

  Business Administration (Finance), PHD (BAFINANPHD)

  Business Administration (Information Systems Management), MBA (BAISMMBA)

  Business Administration (Management), PHD (BAMGMTPHD)

  Business Administration (Marketing), PHD (BAMARKPHD)

  Business Administration (Supply Chain Management), PHD (BASCMPHD)

  Business Analytics, MS (BABUSANMS)

  Economics, PHD (BAECONPHD)

  Finance, MS (BAFINMS)

  Global Financial Management, DBA (BAGFMDBA)

  Global Logistics, MS (BAGLSMS)

  Information Systems Management, MS (BAINFOMS)

  Innovation and Venture Development, MS (HIIVDMS)

  Management, MS (BACMRMS)

  Management, MS (BAMCCMS)

  Real Estate (Certificate), Certificate (BAREAGRCT)

  Real Estate Development, MREDev (ARREMREDEV)

  Supply Chain Management, MS (BASCMMS)

  Supply Chain Management (certificate), Certificate (BASCMCERT)

  Supply Chain Management and Engineering, MS (BASCMEMS)

  Taxation, MTax (BATAMTAX)

  W. P. Carey MBA, MBA (BACORPMBA)

  W. P. Carey MBA, MBA (BAEVEAMBA)

  W. P. Carey MBA, MBA (BAEVENMBA)

  W. P. Carey MBA, MBA (BAEXECMBA)

  W. P. Carey MBA, MBA (BAFULLMBA)

  W. P. Carey MBA, MBA (BAONLINMBA)

  W. P. Carey MBA, MBA (BASHANGMBA)

Design and the Arts, Herberger Institute for

  Architecture, MArch (ARARCMARCH)

  Architecture (Energy Performance and Climate Responsive Architecture), MS (ARENERGYMS)

  Art, MFA (HIARTMFA)

  Art (Art Education), MA (FAARTEDMA)

  Art (Art History), MA (FAARTHISMA)

  Art (Digital Technology), MFA (FADIGITMFA)

  Community-Engaged Practices in Design and the Arts (Certificate), Certificate (HISEPGRCT)

  Composition, MM (FAMCOMPMM)

  Composition (Interdisciplinary Digital Media), MM (FADIGITMM)

  Creative Enterprise and Cultural Leadership, MA (HICECLMA)

  Dance, MFA (FADANCEMFA)

  Dance (Interdisciplinary Digital Media and Performance), MFA (FADANDIMFA)

  Dance Teaching Artist Praxis (Certificate), Certificate (HIDTAPGRCT)

  Design (Design of Healthcare and Healing Environments), MSD (ARHHEMSD)

Design (Experience Design), MSD (HIDEDMSD)

Design (Industrial Design), MSD (ARINDDEMSD)

Design (Interior Design), MSD (ARINTDEMSD)

Design (Visual Communication Design), MSD (ARVCDMSD)

Design, Environment and the Arts, PHD (HIDEAPHD)

Design, Environment and the Arts (Design), PHD (HIDEADSPHD)

Design, Environment and the Arts (Digital Culture in Design), PHD (HIENVDGPHD)

Design, Environment and the Arts (Healthcare and Healing Environments), PHD (ARENHHEPHD)

Design, Environment and the Arts (History, Theory, and Criticism), PHD (HIDEAHTPHD)

Digital Culture, MA (HIDGCMA)

Digital Culture, MS (HIDGCMS)

Digital Culture (Extended Reality Technologies), MS (HIDGCERTMS)

Industrial Design, MID (HIINDMID)

Innovation and Venture Development, MS (HIIVDMS)

Interior Architecture, MIA (HIIAMIA)

Landscape Architecture, MLA (ARLDEMLA)

Media Arts and Sciences, PHD (FAMASPHD)

Music (Conducting), DMA (FACONDDMA)

Music (Ethnomusicology), MA (FAETHNMA)

Music (Interdisciplinary Digital Media), DMA (FAINTDDMA)

Music (Music Composition), DMA (FACOMPDMA)

Music (Music Learning and Teaching), PHD (FAMUSEDPHD)

Music (Musicology), MA (FAMHISTMA)

Music (Musicology), PHD (HIMUSMPHD)

Music (Performance), DMA (FAPERFDMA)

Music Entrepreneurship (Certificate), Certificate (HIMERTGRCT)

Music Learning and Teaching, MM (FAMUSEDMM)

Music Theory Pedagogy (Certificate), Certificate (HIMTPGRCT)

Music Therapy, MM (FAMTHERMM)

Narrative and Emerging Media, MA (CSNEMMA)

Performance (Collaborative Piano), MM (FACPIANOMM)

Performance (Conducting), MM (HIPERCOMM)

Performance (Performance Pedagogy), MM (FAPPEDMM)

Performance (Performance), MM (FAPERF3MM)

Performance (Voice, Music Theatre, Opera), MM (FAMUTPOMM)

Theatre, MA (FATHEAMA)

Theatre (Arts Entrepreneurship and Management), MFA (HITHEAEMFA)

Theatre (Directing), MFA (FADIRMFA)

Theatre (Dramatic Writing), MFA (FADRWRTMFA)

Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)

Theatre (Performance Design), MFA (FAPERDMFA)

Theatre (Performance), MFA (FAPERFMFA)

Theatre (Theatre for Youth and Community), MFA (FAYOUTHMFA)

Theatre (Theatre for Youth and Community), PHD (FAYOUTHPHD)

Theatre (Theatre/Performance Americas), PHD (FAPERAMPHD)

Urban Design, MUD (ARMUDMUD)

Visual Communication Design, MVCD (HIVCDMVCD)

Engineering, Ira A. Fulton Schools of

Aerospace Engineering, MS (ESAEROSPMS)

Aerospace Engineering, PHD (ESAERSPPHD)

Applied Ethics and the Professions (Ethics and Emerging Technologies), MA (LAAEPEETMA)

Biological Design, MS (ESBDEMS)

Biological Design, PHD (GCBDSPHD)

Biomedical Engineering, MS (ESBIOENMS)

Biomedical Engineering, PHD (ESBIOENPHD)

Chemical Engineering, MS (ESCHEMEMS)

Chemical Engineering, PHD (ESCHEMEPHD)

Civil, Environmental and Sustainable Engineering, MS (ESCIVILMS)

Civil, Environmental and Sustainable Engineering, PHD (ESCIVILPHD)

Computer Engineering (Computer Systems), MS (ESCENCMS)

Computer Engineering (Computer Systems), PHD (ESCENCPHD)

Computer Engineering (Electrical Engineering), MS (ESCENEMS)

Computer Engineering (Electrical Engineering), PHD (ESCENEPHD)

Computer Science, MCS (ESCOMSCMCS)

Computer Science, MS (ESCOMSCMS)

Computer Science, PHD (ESCOMSCPHD)

Computer Science (Arts, Media and Engineering), MS (ESAMECSMS)

Computer Science (Arts, Media and Engineering), PHD (ESAMECSPHD)

Computer Science (Big Data Systems), MCS (ESCSEBDMCS)

Computer Science (Big Data Systems), MS (ESCSEBDMS)

Computer Science (Biomedical Informatics), MS (ESCSBIOIMS)

Computer Science (Cybersecurity), MCS (ESCSEIMCS)

Computer Science (Cybersecurity), MS (ESCSEIAMS)

Computer Science (Cybersecurity), PHD (ESCSEIAPHD)

Construction Engineering, MSE (ESCONEMSE)

Construction Management, PHD (ESCONPHD)

Construction Management and Technology, MS (ESCONSTMS)

Data Science, Analytics and Engineering, PHD (ESDSEPHD)

Electrical Engineering, MS (ESEEMS)

Electrical Engineering, MSE (ESEEMSE)

Electrical Engineering, PHD (ESEEPHD)

Electrical Engineering (Arts, Media and Engineering), MS (ESAMEMS)

Electrical Engineering (Arts, Media and Engineering), PHD (ESAMEPHD)

Engineering, MEng (ESENGRMENG)

Engineering, MS (TSEGRMS)

Engineering Education Systems and Design, PHD (ESEESDPHD)

Engineering Science (Software Engineering), MSE (ESSFEMSE)

Environmental and Resource Management, MS (ESERMMS)

Environmental and Resource Management (Water Management), MS (ESERMWTMS)

Environmental Engineering, MS (ESEVEMS)

Graphic Information Technology, MS (ESGITMS)

Human Systems Engineering, MS (ECAPSYCHMS)

Human Systems Engineering, PHD (TSSMACSPHD)

Human Systems Engineering (Aviation Human Factors), MS (ESHSEAHFMS)

Human Systems Engineering (Health Systems), MS (ESHSEHSMS)

Human Systems Engineering (Intelligent Systems), MS (ESHSEISMS)

Human Systems Engineering (User Experience Research), MS (ESHSEUERMS)

Industrial Engineering, MS (ESINDENMS)

Industrial Engineering, PHD (ESINDENPHD)

Information Technology, MS (TSIFTMS)

Innovation and Venture Development, MS (HIIVDMS)

Lean Six Sigma Black Belt (Certificate), Certificate (ESLSSBGRCT)

Manufacturing Engineering, MS (TSMEGRMS)

Materials Science and Engineering, MS (ESMATEMS)

Materials Science and Engineering, PHD (ESENMATPHD)

Mechanical Engineering, MS (ESMEMS)

Mechanical Engineering, PHD (ESMEPHD)

Modern Energy Production and Sustainable Use, MS (ESMEPSUMS)

Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)

Neural Engineering (Certificate), Certificate (ESNENGRCT)

Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)

Robotics and Autonomous Systems (Artificial Intelligence), MS (ESRASAIMS)

Robotics and Autonomous Systems (Biomedical Engineering), MS (ESRASBEMS)

Robotics and Autonomous Systems (Electrical Engineering), MS (ESRASEEMS)

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS (ESRASMAEMS)

Robotics and Autonomous Systems (Systems Engineering), MS (ESRASSEMS)

Semiconductor Processing (Certificate), Certificate (ESSCPRGRCT)

Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)

Software Engineering, MS (TSSERMS)

Sustainable Engineering, MSE (ESSUEMSE)

Systems Engineering, PHD (ESSYSPHD)

Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)

Technology (Management of Technology), MSTech (TSMRMSTECH)

User Experience, MS (ESUSEXMS)

Global Futures, College of

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)

Applied Ethics and the Professions (Science, Technology and Ethics), MA (LAAEPSEEMA)

Biomimicry, MS (LABMYMS)

Biomimicry (Certificate), Certificate (LABMYGRCT)

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)

Complex Systems Science, MS (GFCMPXSSMS)

Energy and Sustainability (certificate), Certificate (SUERGSGRCT)

Environmental and Sustainability Economics (Certificate), Certificate (SUESECGRCT)

Food Policy and Sustainability Leadership (certificate), Certificate (SUFPSLGRCT)

Futures and Design, MS (GFFDMS)

Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)

Global Sustainability Science, MS (SUGSUSSMS)

Global Technology and Development, MS (LSGTDMS)

Global Technology and Development (Applied International Development), MS (FIGTDAIDMS)

Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)

Innovation in Global Development, PHD (FIIGDPHD)

Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)

Public Interest Technology, MS (FIPITCHMS)

Responsible Innovation in Science, Engineering and Society (certificate), Certificate (GCRSESGRCT)

Science and Technology Policy, MSTP (LAHSDPSM)

Sustainability, MA (SUSUSTMA)

Sustainability, MS (SUSUSTMS)

Sustainability, PHD (SUSUSTPHD)

Sustainability (Certificate), Certificate (SUSUSGRCT)

Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)

Sustainability Leadership, EMSL (SUEMSLEMSL)

Sustainability Leadership, MSL (SUSUSLMSL)

Sustainability Solutions, MSUS (SUSUSOMSUS)

Sustainable Energy, PHD (SUSUEPHD)

Sustainable Food Systems, MS (SUSUSFSMS)

Global Management, Thunderbird School of

Applied Leadership and Management, MALM (TBALMMALM)

Global Affairs (Certificate), Certificate (TBGAFGRCT)

Global Affairs and Management, MA (TBGAMMA)

Global Affairs and Management (Executive), MA (TBGAMEMA)

Global Development (Certificate), Certificate (TBGDVGRCT)

Global Finance (Certificate), Certificate (TBGFINGRCT)

Global Leadership and Strategy, MGLS (TBGLSMGLS)

Global Leadership and Strategy, MGLS (TBGLSXMGLS)

Global Management, MGM (TBTGMMGM)

Global Management, MGM (TBTGMXMGM)

Global Management (Certificate), Certificate (TBTGMGRCT)

Global Management (Creative Industries and Design Thinking), MGM (TBGMCIDMGM)

Global Management (Data Science), MGM (TBGMDSCMGM)

Global Management (Digital Audience Strategy), MGM (TBGMDASMGM)

Global Management (Global Affairs), MGM (TBGMGAMGM)

Global Management (Global Business), MGM (TBGMGBMGM)

Global Management (Global Development and Innovation), MGM (TBGMGDIMGM)

Global Management (Global Digital Transformation), MGM (TBGMGDTMGM)

Global Management (Global Entrepreneurship), MGM (TBGMGEMGM)

Global Management (Global Health Care Delivery), MGM (TBGMGHDMGM)

Global Management (Global Legal Studies), MGM (TBGMGLSMGM)

Global Management (Integrated Health Care), MGM (TBGMIHCMGM)

Global Management (Nonprofit Leadership and Management), MGM (TBGMNLMGM)

Global Management (Public Administration), MGM (TBGMPAMGM)

Global Management (Public Policy), MGM (TBGMPPMGM)

Global Management (Sustainability Solutions), MGM (TBGMSSMGM)

Global Management (Sustainable Tourism), MGM (TBGMSTMGM)

Global Marketing (Certificate), Certificate (TBGMKTGRCT)

Global Trade and Commerce (Certificate), Certificate (TBGTCMGRCT)

Health Solutions, College of

Audiology, AuD (LAAUDAUDD)

Auditory and Language Neuroscience, MS (NHALNEUMS)

Behavioral Health, DBH (LSBEVHEDBH)

Behavioral Health (Clinical), DBH (NHBVHCDBH)

Behavioral Health (Management), DBH (NHBVHMDBH)

Biomedical Diagnostics, MS (NHBMDMS)

Biomedical Informatics, MS (ESBIOINFMS)

Biomedical Informatics, PHD (ESBMIPHD)

Clinical Exercise Physiology, MS (NHCEPMS)

Communication Disorders, MS (LACOMDISMS)

Communication Disorders in Multilingual/Multicultural Populations (certificate), Certificate (NHCDMPGRCT)

Exercise and Nutritional Sciences, PHD (ECNUTRIPHD)

Genetic Counseling, MS (NHGCOMS)

Health Informatics, MAS (GCHLHINMAS)

Integrated Behavioral Health - Clinical (Certificate), Certificate (NHIBHCGRCT)

Integrated Behavioral Health - Management (Certificate), Certificate (NHIBHMGRCT)

Integrated Health Care, MIHC (NHIHCMIHC)

International Health Management, MIHM (NHIHMIHM)

Medical Nutrition, MS (NHMNTRMS)

Nutritional Science, MS (ECHNUTMS)

Nutritional Science (Dietetics), MS (ECNTRDMS)

Obesity Prevention and Management, MS (NHOBSMS)

Physical Activity and Health, MS (ECEXERMS)

Population Health, PHD (NHPOPHLPHD)

Science of Health Care Delivery, MS (NHSHCDMS)

Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)

Speech and Hearing Science, PHD (LAHEARPHD)

Speech and Hearing Science (Auditory and Language Neuroscience), PHD (NHSHSALPHD)

Speech and Hearing Science (Translational Genetics of Communication Abilities), PHD (NHSHSTGPHD)

Strength and Conditioning, MS (NHSTRCDMS)

Integrative Sciences and Arts, College of

Applied Biological Sciences, MS (TSAPBIOSMS)

Counseling, MC (EDCOUNMC)

Counseling Psychology, PHD (EDCPSYPHD)

Integrative Social Science, MS (LSISSMS)

Liberal Studies, MLSt (LAMLSMLS)

Liberal Studies (Film and Media Studies), MLSt (LAFMSMLS)

Narrative Studies, MA (LSNRSMA)

Organizational Leadership, MS (LSORGLMS)

Project Management, MPM (LSPMGMPM)

Technical Communication, MS (LSTCCMMS)

Technical Communication (certificate), Certificate (LSTECGRCT)

User Experience, MS (ESUSEXMS)

Interdisciplinary Arts and Sciences, New College of

Biological Data Science, MS (ASBDSMS)

Biological Data Science (Certificate), Certificate (ASBDSGRCT)

Communication Studies, MA (ASCOMSTMA)

English, MA (ASENGLMA)

Forensic Psychology, MS (ASFPSYMS)

Forensic Science, PSM (ASFRSCIPSM)

Interdisciplinary Studies, MA (ASINTERMA)

Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA (ASIDSIPMA)

Law and Psychology, PHD (ASLPSYPHD)

Psychology, MS (ASPGSMS)

Social Justice and Human Rights, MA (ASJHRMA)

Social Technologies, MA (ASSTCMA)

Journalism and Mass Communication, Walter Cronkite School of

Business Journalism, MS (CSBSJMS)

Digital Audience Strategy, MS (CSDASMS)

Digital Audiences (certificate), Certificate (CSDASGRCT)

Investigative Journalism, MA (CSINVJOUMA)

Journalism and Mass Communication, PHD (CSJMCPHD)

Mass Communication, MMC (CSMCOMMMC)

Narrative and Emerging Media, MA (CSNEMMA)

Sports Journalism, MA (CSSPJMA)

Law, Sandra Day O'Connor College of

Biotechnology and Genomics, LL.M. (LWGENOMLLM)

Health Law and Policy (Certificate), Certificate (LWHLPGRCT)

Human Resources and Employment Law, MHREL (LWHREMHREL)

Indian Law (certificate), Certificate (LWLAWGRCI)

Juris Doctor of Law, JD (LWJDJD)

Law and Sustainability (Certificate), Certificate (LWLSUSGRCT)

Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)

Laws, LL.M. (LAWLAWSLLM)

Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)

Legal Studies, MLS (LWLGSMLEGS)

Sports Law and Business, MSLB (LWSLBMSLB)

Trial Advocacy (Certificate), Certificate (LWTAGRCT)

Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Liberal Arts and Sciences, The College of

Actuarial Science, MS (LAACTMS)

Addiction and Substance-Use Related Disorders (certificate), Certificate (LAASRDGRCT)

Addiction Psychology, MS (LAADPSYMS)

African Studies (certificate), Certificate (LAAFRICACE)

American Indian Studies (Cultural Resource Revitalization and Sustainability), MS (LAAISCMS)

American Indian Studies (Indigenous Rights and Social Justice), MS (LAAISIMS)

American Indian Studies (Tribal Leadership and Governance), MS (LAAISTMS)

American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)

American Studies, MA (LAAMSTMA)

Animal Behavior, PHD (LAANBPHD)

Anthropology, PHD (LAANTHRPHD)

Anthropology (Complex Adaptive Systems Science), PHD (LAANTHCPHD)

Anthropology (Urbanism), PHD (LAURBPHD)

Applied Behavior Analysis, MS (LAAPBAMS)

Applied Linguistics, PHD (EDAPLPHD)

Applied Mathematics, PHD (LAAPMPHD)

Applied Mathematics for the Life & Social Sciences, PHD (LAAMLPHD)

Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science), PHD (LAAMLCPHD)

Applied Prevention Science (Certificate), Certificate (LAAPSGRCT)

Asian Languages and Civilizations (Chinese), MA (LACHINAMA)

Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)

Asian Studies (certificate), Certificate (LAASIANCE)

Astrophysics, PHD (LAASTPHPHD)

Astrophysics and Astronomy, MS (LAASTPHMS)

Atmospheric Science (certificate), Certificate (LAATMOSCE)

Biochemistry, MS (LABIOCHMS)

Biochemistry, PHD (LABIOCHPHD)

Biochemistry (Medicinal Biochemistry), MS (LABCHMCMS)

Biology, MS (LABIOMS)

Biology, PHD (LABIOPHD)

Biology (Biology and Society), MS (LABIOSMS)

Biology (Biology and Society), PHD (LABIOSPHD)

Biology (Complex Adaptive Systems Science), PHD (LABIOCPHD)

Chemistry, MS (LACHEMMS)

Chemistry, PHD (LACHEMPHD)

Classical Liberal Education and Leadership, MA (LACLEDLMA)

Communication, MA (LACOMMOMA)

Communication, PHD (LACOMMOPHD)

Comparative Culture and Language, PHD (LAILCPHD)

Computational Life Sciences (Certificate), Certificate (LACMLSGRCT)

Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)

Creative Writing, MFA (LACWRITMFA)

Critical Theory (certificate), Certificate (LACRTGRCT)

Digital Humanities (Certificate), Certificate (LACDHGRCT)

Disability Studies (Certificate), Certificate (LADISGRCT)

East Asian Languages and Civilizations (Chinese), PHD (LAEALCPHD)

English, MA (LAENGLMA)

English (English Education), PHD (LAENEDPHD)

English (Literature), PHD (LAENLITPHD)

English (Writing, Rhetorics, and Literacies), PHD (LAENRHTPHD)

English Education, MA (LAENEDMA)

Environmental Communication and Leadership (Certificate), Certificate (LAECLGRCT)

Environmental Life Sciences, PHD (LAELSPHD)

Environmental Social Science, PHD (LAESSPHD)

Environmental Social Science (Complex Adaptive Systems Science), PHD (LAESSCPHD)

Environmental Social Science (Urbanism), PHD (LAESSURPHD)

Evolutionary Biology, PHD (LAEVOPHD)

Evolutionary Medicine (Certificate), Certificate (LAEVMDGRCT)

Exploration Systems Design, MS (LAESDMS)

Exploration Systems Design, PHD (LAESDPHD)

Exploration Systems Design (Instrumentation), MS (LAESDIMS)

Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)

Exploration Systems Design (Sensor Networks), MS (LAESDSNMS)

Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)

Exploration Systems Design (Systems Engineering), MS (LAESDSEMS)

Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)

Family and Human Development, MS (LAFAMHDMS)

Family and Human Development, PHD (LAFAMSCPHD)

Film and Media Studies, MAS (LAAMPCMAS)

French (Comparative Literature), MA (LAFRECLMA)

French (Linguistics), MA (LAFRELINMA)

French (Literature), MA (LAFRELITMA)

Gender Studies, PHD (LAGSTPHD)

Gender Studies (certificate), Certificate (LAWSTGRCT)

Geographic Education, MAS (LAGEOEDMAS)

Geographic Information Science, PHD (LAGISPHD)

Geographic Information Science (certificate), Certificate (LAGEOGISCE)

Geographic Information Systems, MAS (LAGISMAS)

Geography, MA (LAGEOGMA)

Geography, PHD (LAGEOGPHD)

Geological Sciences, MS (LAGEOSCMS)

Geological Sciences, PHD (LAGEOSCPHD)

German, MA (LAGERMMA)

Global Health, MA (LASSHMA)

Global Health, MS (LASSHMS)

Global Health, PHD (LASSHPHD)

Global Security, MA (LAGSCMA)

Global Security (Cybersecurity), MA (LAGSCSECMA)

Global Security and Competitive Statecraft (Certificate), Certificate (LAGSCSGRCT)

History, MA (LAHISTMA)

History, PHD (LAHISTPHD)

History and Philosophy of Science, PHD (LAHPSCIPHD)

Immigration Studies (certificate), Certificate (LAIMMSTUCE)

Indigenous Education, MA (LAIEDMA)

Infant Family Practice, MAS (LACDEMAS)

International Affairs and Leadership, MA (LAIALMA)

Justice Studies, MS (LAJUSSTMS)

Justice Studies, PHD (LAJUSSTPHD)

Language Teaching, MA (LALANTCHMA)

Linguistics (certificate), Certificate (LALINGUICE)

Linguistics and Applied Linguistics, MA (LALINMA)

Linguistics and Applied Linguistics, PHD (LALINPHD)

Marriage and Family Therapy, MAS (LAMFTMAS)

Mathematics, MA (LAMATHMA)

Mathematics, PHD (LAMATHPHD)

Mathematics Education, PHD (LAMTEPHD)

Medieval Studies (certificate), Certificate (LAMEDSTCE)

Microbiology, MS (LAMICROMS)

Microbiology, PHD (LAMICROPHD)

Molecular and Cellular Biology, MS (LACELLMS)

Molecular and Cellular Biology, PHD (LACELLPHD)

Museum Studies, MA (LAMUSSTMA)

Museum Studies (certificate), Certificate (LAMUSEUMCE)

Nanoscience, PSM (LANANPSM)

Natural Science (Geological Sciences), MNS (LANATSCIMN)

Natural Science (Physics), MNS (LAPHYSMNS)

Neuroscience, PHD (GCBMENPHD)

Philosophy, MA (LAPHILMA)

Philosophy, PHD (LAPHILPHD)

Physics, MS (LAPHYSIMS)

Physics, PHD (LAPHYSIPHD)

Plant Biology and Conservation, MS (LAPLBIOMS)

Political Psychology, MA (LAPPSMA)

Political Science, MA (LAPOLSCMA)

Political Science, PHD (LAPOLSCPHD)

Psychology, PHD (LAPSYCHPHD)

Psychology (Quantitative Research Methods), PHD (LAPSYQUPHD)

Religious Studies, MA (LARELIGMA)

Religious Studies, PHD (LARELIGPHD)

Renaissance Studies (certificate), Certificate (LARENAISCE)

Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)

Sexuality Studies (Certificate), Certificate (LASXSGRCT)

Social and Cultural Pedagogy, MA (LASCPMA)

Social Science Research Methods (Certificate), Certificate (LASSRMGRCT)

Social Transformation Certificate, Certificate (LASOTGRCT)

Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)

Sociology, MA (LASOCMA)

Sociology, PHD (LASOCPHD)

Spanish, MA (LASPANMA)

Spanish, PHD (LASPANPHD)

Spanish Language Pedagogy (certificate), Certificate (LASPAPGRCT)

Spanish Linguistics, PHD (LASPALIPHD)

Statistics, MS (GCSTATMS)

Statistics, PHD (LASTPPHD)

Statistics and Data Science (certificate), Certificate (GCSTATCE)

Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)

Transborder Studies, MAS (LATCLMAS)

Transborder Studies, PHD (LATCLPHD)

Transdisciplinary Transportation Studies (certificate), Certificate (GCTRANSCE)

Translation Studies (Certificate), Certificate (LALTSGRCT)

Urban and Environmental Planning, MUEP (ARURBMUEP)

Urban Planning, PHD (ARPUPPHD)

Women and Gender Studies, MA (LAWSTMA)

World War II Studies, MA (LAWWSMA)

Nursing and Health Innovation, Edson College of

Acute Care Pediatric Nurse Practitioner (certificate), Certificate (NUACPNGRCT)

Adult Gerontology Nurse Practitioner (Certificate), Certificate (NUAGNPGRCT)

Advanced Nursing Practice, DNP (NUANPDNP)

Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP (NUANPACDNP)

Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP (NUANPAGDNP)

Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)

Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP (NUANPCFDNP)

Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)

Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)

Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP (NUANPPDNP)

Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP (NUANPWHDNP)

Aging, MS (LAALDMS)

Clinical Research Management, MS (NUCRMMS)

Clinical Research Management (certificate), Certificate (NUHCRGRCC)

Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)

Emergency Nurse Practitioner (Certificate), Certificate (NUEMNPGRCT)

Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)

Family Psychiatric and Mental Health Nurse Practitioner (certificate), Certificate (NUPMNUPRCE)

Food Safety and Protection (certificate), Certificate (NUFDSPGRCT)

Health Care Innovation, Certificate (NUHCINGRCT)

Health Care Simulation, MS (NUHCSMS)

Healthcare Innovation, MHI (NUHCINNMHI)

Innovation Leadership, Certificate (NUINLSGRCT)

International Health for Healthcare Professionals (certificate), Certificate (NUHCRGRCI)

Interprofessional Healthy Aging (certificate), Certificate (NUGNCERT)

Nurse Education in Academic and Practice Settings (certificate), Certificate (NUNURSEDCE)

Nursing, MS (NUNURDTMS)

Nursing (Entry to Nursing Practice), MS (NUNRENPRMS)

Nursing (Nursing Education), MS (NUNURSEDMS)

Nursing and Healthcare Innovation, PHD (NUNHIPHD)

Pediatric Nurse Practitioner (Certificate), Certificate (NUPDNPGRCT)

Regulatory Science, MS (NURSHSMS)

Regulatory Science (Food Safety), MS (NURGSCFSMS)

Women's Health Nurse Practitioner (Certificate), Certificate (NUWHNPGRCT)

Public Service and Community Solutions, Watts College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)

Community Development Practice, MPS (PPCMDVPMPS)

Community Resources and Development, MS (PPRECDTMS)

Community Resources and Development, PHD (PPCRDPHD)

Community Resources and Development (Nonprofits and NGOs), MS (PPCRDNPMS)

Community Resources and Development (Parks and Recreation Management), MS (PPCRDPRMS)

Community Resources and Development (Sustainable Communities), MS (PPCRDSCMS)

Community Resources and Development (Tourism), MS (PPCRDTMMS)

Corrections Leadership and Management (Certificate), Certificate (PPCMGGRCT)

Crime Analysis, MS (PPCRIMANMS)

Crime Analysis (Certificate), Certificate (PPCRMAGRCT)

Criminal Justice, MA (PPCRIMJMA)

Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)

Criminology and Criminal Justice, MS (PPCRJMS)

Criminology and Criminal Justice, PHD (PPCRJPHD)

Domestic Violence and Evidence-Based Practice (Certificate), Certificate (PPDVEPGRCT)

Emergency Management (Certificate), Certificate (PPEMEGRCT)

Emergency Management and Homeland Security, MA (PPEMHSMA)

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMHSBTMA)

Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA (PPEHSCPMMA)

Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)

Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSHSMA)

Homeland Security (certificate), Certificate (PPHLSGRCT)

Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)

Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)

Nonprofit Leadership and Management, MNLM (PPNPSMNS)

Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)

Participatory Governance (certificate), Certificate (PPPGOGRCT)

Policy Advocacy, MA (PPPLADVMA)

Policy Informatics (Certificate), Certificate (PPPOIGRCT)

Program Evaluation (Certificate), Certificate (PPPGEVGRCT)

Program Evaluation and Data Analytics, MS (PPPGEMS)

Public Administration, EMPA (PPPUAEMPA)

Public Administration, MPA (PPPADTMPA)

Public Administration (Certificate), Certificate (PPPUAGRCT)

Public Administration (Emergency Management), MPA (PPPAFEMPA)

Public Administration (Nonprofit Administration), MPA (PPNONPRMPA)

Public Administration (Public Finance), MPA (PPPAFPMPA)

Public Administration (Urban Management), MPA (PPPAFUMPA)

Public Administration (Urbanism), PHD (PPPAURBPHD)

Public Administration and Policy, PHD (PPPUBADPHD)

Public Policy, MPP (PPPUBPMPP)

Public Policy (Certificate), Certificate (PPPUPGRCT)

Public Policy (Environmental Policy), MPP (PPPUPEPMPP)

Public Policy (Policy Informatics), MPP (PPPUPPIMPP)

Public Policy (Science and Technology Policy), MPP (PPPUPSTMPP)

Public Policy (Urban Policy), MPP (PPPUPUPMPP)

Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMMPSL)

Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)

Public Safety Leadership and Administration (Executive Fire Administration), MPSLA (PPPSEFMPSL)

Public Safety Leadership and Administration (Executive Police Administration), MPSLA (PPPSEPMPSL)

Social Entrepreneurship and Community Development (certificate), Certificate (PPSECDGRCT)

Social Work, MSW (PPSWDMSW)

Social Work, PHD (PPSW2PHD)

Social Work (Advanced Direct Practice), MSW (PPAPDTMSW)

Social Work (Policy, Administration and Community Practice), MSW (PPCPDTMSW)

Social Work - Advanced Standing - Advanced Generalist, MSW (PPASWMSW)

Sustainable Tourism, MST (PPSUSTMST)

Sustainable Tourism (certificate), Certificate (PPSTGRCT)

Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)

Teachers College, Mary Lou Fulton

Advanced Analytics in Higher Education, Certificate (TEAAHEGRCT)

An Overview of Autism Spectrum Disorders (certificate), Certificate (EDSPEGRCA)

Applied Behavior Analysis (Certificate), Certificate (TEABAGRCT)

Curriculum and Instruction (Teaching and Learning), MEd (EDDCIMED)

Curriculum and Instruction (Applied Behavior Analysis), MEd (TEABAMED)

Curriculum and Instruction (Autism Spectrum Disorders), MEd (TEASDMED)

Curriculum and Instruction (Early Childhood Education), MEd (TEECDMED)

Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)

Early Childhood Education, MEd (TEECEDMED)

Early Childhood Education (Teacher Certification), MEd (TEECDTCMED)

Educating Multilingual Learners (Certificate), Certificate (TEESLGRCT)

Education, MA (TEEDUMA)

Education (Accomplished Teaching), MA (EDACCTCMA)

Education (Educating Multilingual Learners), MA (EDESLMA)

Education (Literacy Education), MA (EDLANGMA)

Education Sciences, MS (TEEDUSCIMS)

Educational Leadership, MEd (EDSUPVMED)

Educational Leadership (Principalship), MEd (TEPRINMED)

Educational Policy, MA (EDSPFMA)

Educational Policy and Evaluation, PHD (EDLDRSHPHD)

Educational Technology, PHD (EDTECHPHD)

Elementary Education, MEd (TEELEMMED)

Elementary Education (Teacher Certification), MEd (TEEEACLMED)

Gifted Education (Certificate), Certificate (TEGEDGRCT)

Global Education, MEd (TEGLOEDMED)

Higher and Postsecondary Education, MEd (EDPOSTMED)

Institutional Research and Policy Analysis (certificate), Certificate (EDINSRESCE)

Instructional Design and Performance Improvement (certificate), Certificate (EDEDTGRCT)

Leadership and Innovation, EdD (TELINEDD)

Leadership and Innovation (Policy and Administration), EdD (TEINNPAEDD)

Leadership and Innovation (Teaching), EdD (TEINNTEEDD)

Learning Design and Technologies, MEd (EDTECHMED)

Learning Sciences, MA (EDPSYCHMA)

Learning, Literacies and Technologies, PHD (EDCIPHD)

Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)

Physical Education, MPE (ECPHYEDMPE)

Secondary Education, MEd (TESECEDMED)

Secondary Education (Teacher Certification), MEd (TESCERTMED)

Special Education, MA (EDSPEDMA)

Special Education, MEd (ECSPEDMED)

Special Education (Applied Behavior Analysis), MA (TESPEABAMA)

Special Education (Autism Spectrum Disorder), MA (TESPEASDMA)

Special Education (Teacher Certification), MEd (TESECRTMED)

Teacher Certification (Certificate), Certificate (TETEACGRCT)

Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

Undergraduate Programs

Minors (Program Descriptions and Requirements)

African and African American Studies Minor (LAAFRMIN)

Aging Minor (ASALDMIN)

American Indian Studies Minor (LAAISMIN)

American Studies Minor (ASAMSMIN)

Anthropology Minor (LAASBMIN)

Applied Biological Sciences Minor (TSABSMIN)

Applied Computing Minor (ASACOMIN)

Applied Ethics Minor (ASAPETHMIN)

Applied Mathematics Minor (ASAPMMIN)

Applied Mathematics Minor (LSAPMMIN)

Arabic Studies Minor (LAARBMIN)

Architectural Studies Minor (ARSTDMIN)

Art History Minor (FAARTHMIN)

Asian Languages (Chinese) Minor (LACHIMIN)

Asian Languages (Japanese) Minor (LAJPNMIN)

Asian Pacific American Studies Minor (LAAPAMIN)

Astronomy Minor (LAASTMIN)

Astrophysics Minor (LAASTPHMIN)

Biochemistry Minor (LABCHMIN)

Biological Sciences Minor (LABIOMIN)

Biology Minor (ASLSCMIN)

Business Minor (BABUSMIN)

Chemistry Minor (ASCHMMIN)

Chemistry Minor (LACHMMIN)

Civic and Economic Thought and Leadership Minor (LACELMIN)

Communication Minor (HSCMNMIN)

Communication Minor (LACOMMIN)

Communication Minor (LSCOMMIN)

Community Health Minor (NUCHLTMIN)

Community Sports Management Minor (PPCSMMIN)

Computational Mathematical Sciences Minor (LACMSMIN)

Conflict Resolution Minor (ASCNRMIN)

Construction Management Minor (ESCMGMIN)

Counseling and Applied Psychological Science Minor (LSCAPSMIN)

Criminology and Criminal Justice Minor (PPCRJMIN)

Dance Minor (FADANMIN)

Data Science Minor (LADATSCMIN)

Design Studies Minor (ARDSNMIN)

Digital Audiences Minor (CSDAUMIN)

Digital Culture Minor (HIDGCMIN)

Digital Media Literacy Minor (CSDMLMIN)

Disability Studies Minor (ASDISASMIN)

Early Childhood Education Minor (TEECEDMIN)

Economics Minor (LAECNMIN)

Educational Studies Minor (TEEDSTMIN)

Engineering Management Minor (ESENMMIN)

English Minor (ASENGMIN)

English Minor (LAENGMIN)

English Minor (LSENGMIN)

English (Linguistics) Minor (LAENGMINN)

English (Literature) Minor (LAENGMINT)

Environmental Science Minor (ASENVMIN)

Environmental and Resource Management Minor (ESERMMIN)

Ethnic Studies Minor (ASETHMIN)

Family and Human Development Minor (LAFASMIN)

Fashion Minor (HIFSHMIN)

Film and Media Production Minor (FAFMPMIN)

Film and Media Studies Minor (LAFMSMIN)

Food and Nutrition Entrepreneurship Minor (ECFNTRMIN)

French Minor (LAFREMIN)

Gender, Women and Sexuality Studies Minor (ASWSTMIN)

Gender, Women and Sexuality Studies Minor (LAWSTMIN)

Geography Minor (LAGCUMIN)

Geological Sciences Minor (LAGLGMIN)

German Minor (LAGERMIN)

Global Health Minor (LASSHMIN)

Global Studies Minor (LASGSMIN)

Health Care Compliance and Regulations Minor (NUHCCRMIN)

Health Care Coordination Minor (NUHCCOMIN)

Health Innovation Minor (NUHCIMIN)

History Minor (ASHISMIN)

History Minor (LAHISMIN)

History Minor (LSHISMIN)

History of Science, Technology and Innovation Minor (LSHSIIMIN)

Human Nutrition Minor (ECNTRMIN)

Human Systems Engineering Minor (ESHSEMIN)

Innovation in Society Minor (FIFISMIN)

Instructional Design Minor (TELDTMIN)

Integrative Health Minor (NUIHLTMIN)

Integrative Social Science Minor (LSISSMIN)

Interdisciplinary Organizational Studies Minor (ASIOSMIN)

Interior Design History Minor (ARINTMIN)

Italian Minor (LAITAMIN)

Justice Studies Minor (LAJUSMIN)

Kinesiology Minor (NHKINMIN)

Korean Minor (LAKORMIN)

Landscape Studies Minor (ARLNDMIN)

Latin American Studies Minor (ASLASMIN)

Materials Science and Engineering Minor (ESMSEMIN)

Mathematics Minor (ASMATHMIN)

Mathematics Minor (LAMATMIN)

Media Analysis Minor (CSCMOMINA)

Medical Studies Minor (NHMESTMIN)

Military Leadership Minor (LAMISMIN)

Music Minor (FAMUSMIN)

Music Performance Minor (HIMUSPMIN)

Music Theatre Minor (HIMUTHRMIN)

Nonprofit Leadership and Management Minor (PPNLMMIN)

Nutrition and Healthy Living Minor (NUNHLMIN)

Organizational Leadership Minor (LSORGLMIN)

Parks and Protected Area Management Minor (PPPRMMINT)

Personal Health Minor (NHPHLMIN)

Pharmacology and Toxicology Minor (ASPTXMIN)

Philosophy Minor (ASPHIMIN)

Philosophy Minor (LAPHIMIN)

Physics Minor (LAPHYMIN)

Physics Minor (LSPHYMIN)

Political Science Minor (ASPOLMIN)

Political Science Minor (LAPOSMIN)

Project Management Minor (LSPROMAMIN)

Psychology Minor (ASPGSMIN)

Psychology Minor (LAPGSMIN)

Psychology Minor (LSPGSMIN)

Public Relations and Strategic Communications Minor (HSPRSMIN)

Public Service and Public Policy Minor (PPPAFMIN)

Real Estate Minor (BAREAMIN)

Recreation Management Minor (PPRECMIN)

Recreation Therapy Minor (PPRECTMIN)

Religious Studies Minor (ASRELMIN)

Religious Studies Minor (LARELMIN)

Romanian Minor (LAROMMIN)

Russian Minor (LARUSMIN)

Science, Technology and Society Minor (ECSTSMIN)

Slavic Studies Minor (LASLVMIN)

Social Justice and Human Rights Minor (ASJHRMIN)

Social Welfare Minor (LASSWMIN)

Social and Behavioral Sciences Minor (ASSBSMIN)

Sociocultural Anthropology Minor (ASASBMIN)

Sociology Minor (ASSOCMIN)

Sociology Minor (LASOCMIN)

Spanish Minor (ASSPAMIN)

Spanish Minor (LASPAMIN)

Spanish Minor (LSSPAMIN)

Special Events Management Minor (HSEVNMIN)

Cryptology Certificate (LACRYCERT)

Data Science Certificate (ASDTSCERT)

Desert Food Production Certificate (LSDFPRCERT)

Digital Business Innovation Certificate (BADBICERT)

Digital Culture Certificate (HIDGCCERT)

Disability Studies Certificate (LADISCERT)

Diversity and Equity Studies Certificate (ASDESCERT)

Domestic Violence and Evidence-based Practice Certificate (PPDVEPCERT)

Early Childhood Education Certificate (TEECDCERT)

Early Childhood Special Education Certificate (TEECSCERT)

Economic Justice Certificate (LAECNJCERT)

Elementary Education Certificate (TEEEDCERT)

Energy and Sustainability Certificate (SUESUCERT)

Entrepreneurship and Innovation Certificate (BAKEICERT)

Environmental Education Certificate (TEEVEDCERT)

Environmental Humanities Certificate (LAENHCERT)

Environmental Humanities Certificate (LSENHCERT)

Ethics Certificate (LAETHCERT)

Ethnic Studies Certificate (ASETHCERT)

European Studies Certificate (LAESCERT)

Evolutionary Medicine Certificate (LAEVMDCERT)

Family Communication Certificate (ASFAMCCERT)

Field Geology Certificate (LAFDGCERT)

Film and Video Studies Certificate (ASVIDCERT)

Food Industry Management and Marketing Certificate (BAFIMMCERT)

Gender, Women and Sexuality Studies Certificate (ASWSTCERT)

Gender, Women and Sexuality Studies Certificate (LAWSTCERT)

Geographic Information Science Certificate (LAGISCERT)

Global Management Certificate (TBTGMCERT)

Globalization and Culture Certificate (LAGLCCERT)

Hazardous Materials and Waste Management Certificate (TSETMCERT)

Health Care Policy and Delivery Certificate (NHHCPDCERT)

Health Education Specialist Certificate (NHHEDSCERT)

Health and Wellness Coach Certificate (NHHWCCERT)

History and Philosophy of Science Certificate (LAHPSCERT)

Homeland Security Certificate (PPHSLCERT)

Hospice and Palliative Care Certificate (NHHAPCCERT)

Human Rights Certificate (LAHRTSCERT)

Indoor Farming Certificate (LSIFRMCERT)

Informatics Certificate (ESCPICERT)

Innovation for Impact Certificate (FIIFICERT)

Interdisciplinary Health Humanities Certificate (LAIHHUCERT)

International Business Studies Certificate (BAIBSCERT)

International Cinema Certificate (LAICINCERT)

International Studies Certificate (LAINSCERT)

International Trade Certificate (TBINTRCERT)

Islamic Studies Certificate (LAISLCERT)

Jewish Studies Certificate (LAJUDCERT)

Juvenile Justice Certificate (PPJVJUCERT)

Korean Studies Certificate (LAKORCERT)

Latin American Studies Certificate (LALASCERT)

Latino Politics and Policy Certificate (LALPPCERT)

Law and Human Behavior Certificate (PPLWHBCERT)

Leadership and Ethics Certificate (PPLDECERT)

Leadership in Business Certificate (BALIBCERT)

Leadership, Ethics and Service Certificate (PPLETSCERT)

Legal Issues in Criminal Justice Certificate (PPLCRJCERT)

Lesbian, Gay, Bisexual and Transgender Studies Certificate (PPLGBTCERT)

Mathematical Concepts of Engineering Certificate (LAMACECERT)

Medieval and Renaissance Studies Certificate (LAMRSCERT)

Mild/Moderate Special Education Certificate (TEMSPECERT)

Military Studies Certificate (LSMILSCERT)

Modern Hebrew Certificate (LAHEBCERT)

Music Entrepreneurship Certificate (HIMERTCERT)

Nonprofit Professional Certificate (PPNPYCERT)

Oral History and Storytelling Certificate (ASOHCCERT)

Peace Corps Prep Certificate (LSPCPRCERT)

Personal Fitness Training Certificate (NHPFITCERT)

Philosophy, Politics and Economics Certificate (LAPHPECERT)

Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)

Political Economy Certificate (LAPLECERT)

Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)

Political History and Leadership Certificate (LAPTLCERT)

Power and Society Certificate (ASPWSOCERT)

Professional Sales Certificate (BAPRSCERT)

Public Administration and Public Management Certificate (PPPAFCERT)

Religion, Conflict and Peace Certificate (LARELCERT)

Risk Communication Certificate (ASRCMCERT)

Risk Management Certificate (BARMGTCERT)

Russian and East European Studies Certificate (LAREECERT)

Sales and Marketing Essentials Certificate (BASMECERT)

School Nutrition Certificate (ECNTRCERC)

Secondary Education Certificate (TESEDCERT)

Security Studies Certificate (PPSCSCERT)

Small Business and Entrepreneurship Certificate (BASMBCERT)

Social Science Research Methods Certificate (LASSRMCERT)

Social Transformation Certificate (LASOTCERT)

Socio-Legal Studies Certificate (LASLSTCERT)

Spanish for the Professions Certificate (LSSPPRFCER)

Special Events Management Certificate (HSRTMUERT)

Speech-Language Pathology Assistant Certificate (LASLPACERT)

Sports Business Certificate (BASPBCERT)

Sports, Cultures and Ethics Certificate (LASPCECERT)

Sustainable Food Systems Certificate (SUFSUCERT)

Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)

Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)

Technical Communication Certificate (LSTECCERT)

Transformation and Change Certificate (ASTNCHCERT)

Translation Certificate (LASPACERT)

Veterans, Society and Service Certificate (LAVSSCERT)

Art (Ceramics), BFA (FAARTCBFA)

Art (Digital Photography), BFA (HIARTDPBFA)

Art (Drawing), BFA (FAARTDBFA)

Art (Intermedia), BFA (FAARTIBFA)

Art (Museum Studies), BA (FAARTMSBA)

Art (Painting and Drawing), BFA (HIARTPDBFA)

Art (Painting), BFA (FAARTPABFA)

Art (Photography), BFA (FAARTPHBFA)

Art (Printmaking), BFA (FAARTPMBFA)

Art (Sculpture), BFA (FAARTSBFA)

Art (Textiles), BFA (FAARTFBFA)

Arts (BA in the Arts), BA (FAATSBA)

Dance, BFA (FADANBFA)

Dance (Dance Education), BFA (FADANEBFA)

Design Studies, BA (ARDSNBA)

Design Studies (Design Management), BA (ARDSNMBA)

Digital Culture, BA (HIDGCBA)

Digital Culture (Art), BA (HIDGCABA)

Digital Culture (Arts and Design Studies), BA (HIDCADSBA)

Digital Culture (Design), BA (HIDGCDBA)

Digital Culture (English), BA (HIDGCENBA)

Digital Culture (Film), BA (HIDGCFBA)

Digital Culture (Graphic Information Technology), BA (HIDGCTEBA)

Digital Culture (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)

Digital Culture (Media Processing), BA (HIDGCMPBA)

Digital Culture (Media Processing), BS (HIDGCMPBS)

Digital Culture (Music), BA (HIDGCMBA)

Digital Culture (Theatre), BA (HIDGCTBA)

Environmental Design, BS (HIEDSBS)

Fashion, BA (HIFSHBA)

Film (Film and Media Production), BA (FAFLMBA)

Film (Filmmaking Practices), BA (FAFPRBA)

Film and Media Production, BFA (HIFMPBFA)

Graphic Design, BSD (ARGRABSD)

Industrial Design, BSD (ARINDBSD)

Interior Design, BSD (ARINTBSD)

Landscape Architecture, BSLA (ARPLABSLA)

Music, BA (FAMUSBA)

Music (Music and Culture), BA (HIMUSMCBA)

Music (Popular Music), BA (HIMUSPMBA)

Music Learning and Teaching, BMUS (FAMUSEBM)

Music Therapy, BMUS (FAMUSTHBM)

Performance (Collaborative Piano), BMUS (FAMUSPPBM)

Performance (Guitar), BMUS (FAMUSPGBM)

Performance (Jazz), BMUS (FAMUSPJBM)

Performance (Keyboard), BMUS (FAMUSPKBM)

Performance (Music Theatre), BMUS (FAMUSPMBM)

Performance (Orchestral Instrument), BMUS (FAMUSPOBM)

Performance (Voice), BMUS (FAMUSPVBM)

Performance and Movement, BA (HIPERMVBA)

Theatre, BA (FATHEBA)

Theatre (Acting), BA (FATHEABA)

Theatre (Design and Production), BA (FADSNPRBA)

Theory and Composition (Composition), BMUS (FAMUSTCBM)

Theory and Composition (Theory), BMUS (FAMUSTTBM)

Engineering, Ira A. Fulton Schools of

Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)

Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)

Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)

Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)

Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)

Aerospace Engineering (Astronautics), BSE (ESAEASBSE)

Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)

Applied Science (Aviation), BAS (TSAMTABAS)

Applied Science (Graphic Information Technology), BAS (TSGITBAS)

Applied Science (Internet and Web Development), BAS (TSIWDBAS)

Applied Science (Operations Management), BAS (TSIMCOBAS)

Biomedical Engineering, BSE (ESBMEBSE)

Biomedical Engineering (Biological Devices), BSE (ESBMEBDBSE)

Biomedical Engineering (Biomedical Devices), BSE (ESBMEMDBSE)

Chemical Engineering, BSE (ESCHEBSE)

Civil Engineering, BSE (ESCEEBSE)

Civil Engineering (Environmental Engineering), BSE (ESCEEEBSE)

Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)

Computer Science, BS (ESCSEBS)

Computer Science (Cybersecurity), BS (ESCSEIBS)

Computer Science (Software Engineering), BS (ESCSESBS)

Computer Systems Engineering, BSE (ESCSEBSE)

Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)

Construction Engineering, BSE (ESCONBSE)

Construction Management and Technology, BS (ESCONMGTBS)

Electrical Engineering, BSE (ESEEEBSE)

Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)

Engineering, BSE (TSEGRBSE)

Engineering (Automotive Systems), BSE (TSEGRASBSE)

Engineering (Electrical Systems), BSE (TSEGRESBSE)

Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)

Engineering (Robotics), BSE (TSEGRRBSE)

Engineering Management, BSE (ESEMGBSE)

Environmental Engineering, BSE (ESEVEBSE)

Environmental and Resource Management, BS (TSETMBS)

Graphic Information Technology, BS (TSGITBS)

Graphic Information Technology (Full-Stack Web Development), BS (ESGITFSWBS)

Graphic Information Technology (User Experience), BS (ESGITUEBS)

Human Systems Engineering, BS (ESHSEBS)

Human Systems Engineering (User Experience), BS (ESHSEUEBS)

Industrial Engineering, BSE (ESIEEBSE)

Informatics, BS (ESCPIBS)

Information Technology, BS (TSIFTBS)

Manufacturing Engineering, BS (TSMEGRBS)

Materials Science and Engineering, BSE (ESMSEBSE)

Mechanical Engineering, BSE (ESMAEMBSE)

Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)

Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)

Software Engineering, BS (TSSERBS)

Technological Entrepreneurship and Management, BS (TSTEMBS)

Global Futures, College of

Innovation in Society, BA (FIFISBA)

Innovation in Society, BS (FIFISBS)

Sustainability, BA (SUSUSTBA)

Sustainability, BS (SUSUSTBS)

Sustainable Food Systems, BS (SUSFOSYSBS)

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)

International Trade, BS (TBINTRABS)

Health Solutions, College of

Applied Science (Food and Nutrition Entrepreneurship), BAS (ECNTRBAS)

Applied Science (Health Sciences), BAS (NUHSCBAS)

Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)

Biomedical Informatics, BS (ESBMIBS)

Clinical Exercise Science, BS (ECEXERBS)

Dietetics, BS (NHDIETCSBS)

Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)

Exercise and Wellness (Strength and Conditioning Specialist), BS (NHEXWSCBS)

Food and Nutrition Entrepreneurship, BS (NHFNUENBS)

Health Care Administration and Policy, BS (NHHCDBS)

Health Education and Health Promotion, BS (NHHEHPBS)

Health Sciences, BS (NHHSCBS)

Health Sciences (Health Policy), BS (NUHSCHPBS)

Health Sciences (Healthy Lifestyles and Fitness Science), BS (NUHSCHLCBS)

Health Sciences (Pre-professional), BS (NUHSCPREBS)

International Public Health, BIPH (NHIPHBIPH)

Kinesiology, BS (NUKINBS)

Medical Studies, BS (NHMEDBS)

Nutrition, BS (NHNTRBS)

Nutrition (Dietetics), BS (ECNTRDBS)

Nutrition (Food and Nutrition Management), BS (ECNTRMBS)

Nutrition (Human Nutrition), BS (ECNTRHBS)

Nutrition (Nutrition Communication), BS (ECNTRCBS)

Nutritional Science, BS (NHNUSCIBS)

Population Health, BS (NHPOPHLBS)

Public Health, BS (NHPBHBS)

Speech and Hearing Science, BS (LASHSBS)

Sports Science and Performance Programming, BS (NHSPTSPPBS)

Honors - Barrett, The Honors College

Honors College,   (9HOHONALL)

Integrative Sciences and Arts, College of

Applied Biological Sciences (Applied Biological Sciences), BS (TSABSABS)

Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS (TSABSRBS)

Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

Applied Mathematics, BS (LSMATBS)

Applied Physics, BS (LSAPHYBS)

Applied Quantitative Science, BS (LSAQSBS)

Applied Science (Applied Leadership), BAS (LSALSBAS)

Applied Science (Project Management), BAS (LSAPSPMBAS)

Applied Science (Technical Communication), BAS (LSTECBAS)

Communication, BA (LSCOMBA)

Counseling and Applied Psychological Science, BS (LSCAPSBS)

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)

English, BA (LSENGBA)

General Studies, BA (LSGNSBGS)

History, BA (LSHISBA)

History of Science, Technology and Innovation, BA (LSHSIIBA)

Integrative Social Science, BS (LSISSBS)

Interdisciplinary Studies, BA (LSBISBIS)

Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

Liberal Studies, BA (LABLSBLS)

Military Studies, AA (LSMILSTAA)

Organizational Leadership, BA (LSORGLBA)

Organizational Leadership (Project Management), BA (LSORGLPMBA)

Political Science, BS (LSPOLBS)

Psychology, BA (LSPGSBA)

Psychology, BS (LSPGSBS)

Science, Technology and Society, BS (ECSTSBS)

Technical Communication, BS (LSTECBS)

Technical Communication (User Experience), BS (LSTECUBS)

Interdisciplinary Arts and Sciences, New College of

Applied Computing, BS (ASACOBS)

Applied Computing (Cybersecurity), BS (ASACOCBS)

Applied Mathematics, BS (ASMATBS)

Applied Science, BAS (ASBASBAS)

Biology, BA (ASLSCBA)

Biology, BS (ASLSCBS)

Biology (Environmental Science), BS (ASLSCEBS)

Biology (Pharmacology/Toxicology), BS (ASLSCPBS)

Biotechnology and Bioenterprise, BS (ASBITEBS)

Communication, BA (ASCOMMBA)

Communication, BS (ASCOMMBS)

Computational Forensics, BS (ASCPFBS)

Conflict Resolution, BA (ASCNRBA)

Disability Studies, BA (ASDISASBA)

English, BA (ASENGBA)

English (Secondary Education), BA (ASENGSEBA)

Environmental Science, BA (ASENVBA)

Environmental Science, BS (ASENVBS)

Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)

Exploratory Health and Life Sciences, (ASHSCIEXPL)

Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)

Exploratory Social and Behavioral Sciences, (ASSBSEXPL)

Forensic Science, BS (ASFOREBS)

Gender, Women and Sexuality Studies, BS (ASWSTBS)

History, BA (ASHISBA)

History (Secondary Education), BA (ASHISSEBA)

Interdisciplinary Arts and Performance, BA (ASIAPBA)

Interdisciplinary Arts and Sciences, BA (ASIASBA)

Latin American Studies, BA (ASLASBA)

Pharmacology and Toxicology, BS (ASPTXBS)

Philosophy, Religion and Society, BA (ASRELBA)

Political Science, BA (ASPOLBA)

Political Science, BS (ASPOLBS)

Psychology, BA (ASPGSBA)

Psychology, BS (ASPGSBS)

Psychology (Forensic Psychology), BA (ASPGSFPBA)

Psychology (Forensic Psychology), BS (ASPGSFPBS)

Social Justice and Human Rights, BA (ASJHRBA)

Social and Behavioral Sciences, BA (ASSBSBA)

Social and Behavioral Sciences, BS (ASSBSBS)

Social and Cultural Analysis (American Studies), BA (ASSCAASBA)

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)

Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)

Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)

Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)

Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)

Sociology, BA (ASSOCBA)

Sociology, BS (ASSOCBS)

Spanish, BA (ASSPABA)

Statistics, BS (ASSTABS)

Journalism and Mass Communication, Walter Cronkite School of

Digital Audiences, BS (CSDIGABS)

Digital Media Literacy, BA (CSDMLBA)

Journalism and Mass Communication, BA (CSJMCBA)

Mass Communication and Media Studies, BA (CSMCMSTBA)

Sports Journalism, BA (CSSPJBA)

Liberal Arts and Sciences, The College of

Actuarial Science, BS (LAACTBS)

African and African American Studies, BA (LAAFRBA)

American Indian Studies, BS (LAAISBS)

American Studies, BA (LAAMRSTBA)

Anthropology, BA (LAASBBA)

Anthropology, BS (LAASBBS)

Applied Mathematics for the Life and Social Sciences, BS (LAAMLBS)

Asia Studies (East Asia), BA (LAHSTEABA)

Asia Studies (South Asia), BA (LAHSTSABA)

Asia Studies (Southeast Asia), BA (LAHSTSEABA)

Asian Languages (Chinese), BA (LACHIBA)

Asian Languages (Japanese), BA (LAJPNBA)

Asian Pacific American Studies, BA (LAAPABA)

Astronomical and Planetary Sciences, BS (LAASTPLSBS)

Biochemistry, BA (LABCHBA)

Biochemistry, BS (LABCHBS)

Biochemistry (Medicinal Chemistry), BS (LABCHMBS)

Biological Sciences, BS (LABSCBS)

Biological Sciences (Biology and Society), BS (LABSCSBS)

Biological Sciences (Biomedical Sciences), BS (LABSCMBS)

Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)

Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

Biophysics, BS (LABIPHBS)

Chemistry, BA (LACHMBA)

Chemistry, BS (LACHMBS)

Chemistry (Environmental Chemistry), BS (LACHMEBS)

Civic and Economic Thought and Leadership, BA (LACELBA)

Civic and Economic Thought and Leadership, BS (LACETLBS)

Communication, BA (LACOMBA)

Communication, BS (LACOMBS)

Computational Mathematical Sciences, BS (LACMSBS)

Data Science, BS (LADATSCIBS)

Earth and Environmental Studies, BA (LAEESBA)

Earth and Space Exploration, BS (LASESBS)

Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

Earth and Space Exploration (Astrophysics), BS (LASESABS)

Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

Earth and Space Exploration (Geological Sciences), BS (LASESGSBS)

Economics, BS (LAECNBS)

Economics (Politics and the Economy), BS (LAECNPECBS)

English, BA (LAENGBA)

English (Creative Writing), BA (LAENGCBA)

English (Linguistics), BA (LAENGNBA)

English (Literature), BA (LAENGTBA)

English (Secondary Education), BA (LAENGSEBA)

English (Writing, Rhetorics and Literacies), BA (LAENGWBA)

Family and Human Development, BS (LAFASBS)

Film (Film and Media Studies), BA (LAFMSBA)

French, BA (LAFREBA)

Gender, Women and Sexuality Studies, BA (LAWSTBA)

Geographic Information Science, BS (LAGISBS)

Geography, BA (LAGCUBA)

Geography, BS (LAGCUBS)

Geography (Meteorology-Climatology), BS (LAGCUMBS)

German, BA (LAGERBA)

Global Health, BA (LASSHBA)

Global Studies, BA (LASGSBA)

History, BA (LAHISBA)

History (Secondary Education), BA (LAHISSEBA)

Integrated Studies, BA (LAISTBA)

Integrated Studies, BS (LAISTBS)

International Letters and Cultures, BA (LASLCBA)

International Letters and Cultures (Arabic Studies), BA (LASLCASBA)

International Letters and Cultures (Classical Civilization), BA (LASLCVBA)

International Letters and Cultures (Classics), BA (LASLCCBA)

Italian, BA (LAITABA)

Jewish Studies, BA (LAJSTBA)

Justice Studies, BA (LAJUSBA)

Justice Studies, BS (LAJUSBS)

Mathematics, BA (LAMATBA)

Mathematics, BS (LAMATBS)

Mathematics (Secondary Education), BS (LAMATSBS)

Mathematics (Statistics), BS (LAMATTBS)

Microbiology, BS (LAMICBS)

Microbiology (Medical Microbiology), BS (LAMICMBS)

Molecular Biosciences and Biotechnology, BS (LAMBBBS)

Neuroscience, BS (LABMENBS)

Philosophy, BA (LAPHIBA)

Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)

Philosophy (Science, Nature and Mind), BA (LAPHISNMBA)

Physics, BA (LAPHYBA)

Physics, BS (LAPHYBS)

Physics (Secondary Education), BS (LAPHYSEBS)

Political Science, BA (LAPOSBA)

Political Science, BS (LAPOSBS)

Politics and the Economy, BS (LAPECBS)

Psychology, BA (LAPGSBA)

Psychology, BS (LAPGSBS)

Psychology (Psychological Science), BS (LAPGSPSBS)

Religious Studies, BA (LARELBA)

Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)

Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)

Russian, BA (LARUSBA)

Sociology, BS (LASOCBS)

Spanish, BA (LASPABA)

Technological Leadership, BS (LATECLDRBS)

Transborder Chicana/o and Latina/o Studies, BA (LATCLBA)

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)

Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA (LATCLTBA)

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)

Urban Planning, BSP (ARPUPBSP)

Nursing and Health Innovation, Edson College of

Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)

Community Health, BS (NUCHLTBS)

Health Care Compliance and Regulations, BS (NUHCCRBS)

Health Care Coordination, BS (NUHCCOBS)

Health Entrepreneurship and Innovation, BS (NUHCIBS)

Integrative Health, BS (NUIHLTBS)

Nursing, BSN (NUNURDBSN)

Public Service and Community Solutions, Watts College of

Applied Science (Emergency Management), BAS (PPEMGBAS)

Community Advocacy and Social Policy, BA (PPCASPBA)

Community Development, BA (PPCOMDEVBA)

Community Sports Management, BS (PPCSMBS)

Community Sports Management (Events), BS (PPCSMEBS)

Criminology and Criminal Justice, BS (PPCRIMJBS)

Criminology and Criminal Justice (Policing), BS (PPCRJPOLBS)

Nonprofit Leadership and Management, BS (PPNLMBS)

Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)

Parks and Recreation Management (Therapeutic Recreation), BS (PPPRMTRBS)

Parks, Recreation and Sport Management, BS (PPPRMBS)

Public Service and Public Policy, BS (PPPAFBS)

Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

Public Service and Public Policy (Business), BS (PPPAFBUBS)

Public Service and Public Policy (Criminology), BS (PPPAFCBS)

Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)

Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

Public Service and Public Policy (Science and Technology Policy), BS (PPPAFSTBS)

Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

Public Service and Public Policy (Sustainability), BS (PPPAFSBS)

Recreation Therapy, BS (PPRECTBS)

Social Work, BSW (PPSWUSWU)

Tourism Development and Management, BS (PPTDMBS)

Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)

Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)

Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

Tourism and Recreation Management, BS (PPTRMBS)

Urban and Metropolitan Studies, BA (PPURBBA)

Urban and Metropolitan Studies, BS (PPURBBS)

Teachers College, Mary Lou Fulton

Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)

Early Childhood Education, BAE (TEECDEDBAE)

Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)

Education Exploratory, (TEEDUEXPL)

Educational Studies, BAE (EDSLSTBAE)

Educational Studies (Early Childhood Studies), BAE (TEESECEBAE)

Educational Studies (Instructional Design), BAE (TEEDUSTBAE)

Elementary Education, BAE (TEEEDBAE)

Elementary Education (Educating Multilingual Learners), BAE (TEDLLBAE)

Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)

Elementary Multilingual Education, BAE (TEEMLEBAE)

Physical Education, BAE (TEPPEBAE)

Secondary Education, BAE (TESEDBAE)

Secondary Education (Biological Sciences), BAE (TEBIOBAE)

Secondary Education (Chemistry), BAE (TECHMBAE)

Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)

Secondary Education (English), BAE (TEENGBAE)

Secondary Education (History), BAE (TEHISBAE)

Secondary Education (Mathematics), BAE (TEMATBAE)

Secondary Education (Physical Education), BAE (ECPPEBAE)

Secondary Education (Physics), BAE (EDPHYBAE)

Secondary Education (Political Science), BAE (TEPOLBAE)

Secondary Education (Spanish), BAE (TESPABAE)

Special Education, BAE (TESPCEDBAE)

Special Education (Visual Impairment), BAE (TESPEVIBAE)

Special Education and Elementary Education, BAE (TESPEBAE)

University College

Exploratory Health and Life Sciences, (UCHSCIEXPL)

Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)

Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)

Exploratory Social and Behavioral Sciences, (UCSBSEXPL)

Graduate Programs

Graduate Degrees and Certificates (Program Descriptions and Requirements)

Business, W. P. Carey School of

Accountancy and Data Analytics, MAcc (BAACCMACC)

Online Degree Search Title: Accountancy and Data Analytics, MACC
Campus: Tempe, ASU@Los Angeles

This program's name has changed effective Fall 2022. The previous name was Accountancy.

Program Description:
The nine-month MAcc program is full-time, cohort-based and delivered by the W. P. Carey School of Accountancy, highly ranked by the Public Accounting Report.

Infused with a data and analytics emphasis, the cutting-edge curriculum is structured to provide students with an in-depth working knowledge of advanced accounting topics that are most relevant in today's business environment and reviewed every year with input from accounting professionals and alumni. Esteemed faculty experts bring real-world experience into each class, giving the degree even more long-term value.

The Master of accountancy and data analytics program is designed for individuals who want to immerse themselves in full-time graduate studies, take classes during the day and fulfill course requirements for the CPA exam in both Arizona and California. Because of the quality of the Master of accountancy and data analytics program, students gain the skills and knowledge needed to launch their accounting careers while opening the door to top hiring firms.

As a STEM-designated program, eligible graduates on student visas have access to an Optional Practical Training extension for up to 36 months. This longer work authorization term may help international students gain additional skills and experience in the U.S.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Full-Time Program

Degree Requirements:
30 credit hours including the required capstone course (ACC 586).

Required Core (3 credit hours)
ACC 512 Advanced Auditing (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
ACC 586 Shareholder Value Creation and Financial Statement Analysis (3)

Additional Curriculum Information
Students should see the academic unit for an approved list of elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in accountancy from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all coursework completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation
- current resume
- short-answer question responses
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Applicants must complete program prerequisites prior to admission to the program. Students should refer to the master's degree program website for a current list of required course prerequisites. Graduate-level accounting courses are only open to students admitted to the graduate program.

Career Opportunities:

The Master of accountancy and data analytics program includes the essential academic preparation for students who are interested in pursuing professional careers in public, corporate and governmental accounting, as well as consulting or financial planning.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states that employment for Accountants and Auditors is projected to grow 4 to 6 percent between 2018 and 2028.

Career examples include:

- accountant
- auditor
- budget analyst
- tax auditor

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/accounting
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Business Administration (Accountancy), PHD (BAACCTPHD)

Online Degree Search Title: Accountancy, PhD
Campus: Tempe

Program Description:

The PhD in business administration with a concentration in accountancy develops students' capability to review, analyze, conduct and publish research. The curriculum consists of a series of research seminars and theory-building and statistical coursework that supplement and complement students' abilities and desires. In addition, doctoral students participate in ongoing research projects in conjunction with faculty members in the School of Accountancy.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

This program consists of 12 credit hours of dissertation and 72 credit hours of coursework and research. Students may not apply credit hours earned from a previously awarded doctoral degree from ASU or another institution toward their current ASU doctoral degree. However, at the academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Students work with their study committees to determine an appropriate plan of study. Common areas of functional specialization include financial and managerial accounting, auditing and taxation. Within these functional areas, doctoral studies may emphasize experimental or archival research methods. All accountancy doctoral students are required to take a three-semester sequence of accountancy doctoral coursework. A maximum of 12 approved graduate credit hours may be transferred to satisfy program requirements.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam; an oral exam may also be required, at the discretion of the academic unit.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate degree. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled in at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including a summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policy and procedures for a Doctor of Philosophy.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GMAT scores
  • portfolio
  • letters of recommendation
  • personal statement
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a School of Accountancy doctoral committee using a portfolio approach. In addition to GMAT scores and prior academic performance, letters of recommendation and a personal statement are reviewed to ensure a good match of students' goals and the school. Recommendations for action are then made to the director of doctoral programs in the W. P. Carey School of Business who, in turn, makes recommendations to Graduate Admission Services.

Career Opportunities:

Graduates are prepared for careers at leading research universities. Career opportunities include:

  • professor
  • research professor

- researcher in accounting

Contact Information:
Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/accounting-degrees
BA 223Q
wpcareyacc@asu.edu
480-965-3631

Business Administration (Agribusiness), PHD (BAAGRIPHD)

Online Degree Search Title: Agribusiness, PhD
Campus: Polytechnic

Program Description:
The discipline of agribusiness applies theory and quantitative methods in economics, finance, marketing and management to issues involved in the production, distribution and marketing of food and fiber. Doctoral students of agribusiness are involved with research in the following:

- agribusiness management
- derivatives, commodity marketing and risk management
- food and fiber supply chain management
- food marketing
- food policy and promotion
- global agricultural trade and policy
- strategic marketing by food retailers

The interdisciplinary PhD in business administration with a concentration in agribusiness produces scholars trained in the latest methods of business and economic analysis who can emerge on the forefront of problem-solving in a vital sector of the global economy. Agribusiness graduates are expected to assume teaching and research positions at top-ranked research universities.

This program is offered by the W. P. Carey School of Business and the Morrison School of Agribusiness.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study
At least 30 credit hours (including research credit) of the approved doctoral program and 12 dissertation credit hours must be completed after admission to the student's doctoral program. Students may not apply credit hours earned for a previously awarded doctorate degree from ASU or another institution toward their current ASU doctorate. However, at the individual academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Agribusiness doctoral students are expected to develop a program of study consisting of three elements. Students study core theory and quantitative methods coursework in economics and management from the Morrison School of Agribusiness as well as advanced courses in at least one of these areas in the W. P. Carey School of Business: economics, finance, marketing, supply chain management or management. Students also complete a three-course sequence of doctorate-level theory and methods from the Morrison School of Agribusiness as applied to issues and concepts specific to the agribusiness sector.

The agribusiness doctorate is designed to allow flexibility with focus, so each student's program of study is unique, but is designed to produce the highest level of research competency in the student's chosen area of interest.

Comprehensive Examinations
Upon completion of all necessary coursework on a student's approved program of study, the academic unit may initiate the student's comprehensive examination process. The comprehensive examination consists, at minimum, of a written exam, and at the discretion of the academic unit an oral exam may also be required.

Candidacy
Doctoral students are notified of achieving candidacy status in a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled in at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policies and procedures.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • official GRE general exam or GMAT scores
 • personal statement
 • current curriculum vitae
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Complete information on the English proficiency exams and other required documents can be found on the Graduate Admission Services website: https://admission.asu.edu/international/graduate-apply (https://admission.asu.edu/international/graduate-apply).

Applicants must submit all the items listed above to complete an application file. Incomplete files will not be reviewed or considered until complete.

An explanation of the applicant's goals should be addressed in the personal statement.

Students should see the program website for application deadlines. Late applications may still be considered for the same application term or for the next term of admission; however, the department reserves the right to deny or not review a late application.

Career Opportunities:
Graduates of the doctoral program in business administration at America's largest public university have learned from thought leaders in their respective fields and benefitted from the university's tremendous resources. These graduates are fully prepared for careers in research and academia.

Careers opportunities include:

 • data scientist
 • economic consultant
 • market analyst
 • professor
 • research economist

Contact Information:
Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/agribusiness-degrees/doctoral
SANTN 230
wpcarey.morrison@asu.edu
480-727-1586

Business Administration (Business Analytics), MBA (BABUSANMBA)

Online Degree Search Title: Business Administration (Business Analytics), MBA
Campus: Tempe

ASU is not currently accepting applications for this program. Students interested in the business analytics concentration should apply directly to the full time W. P. Carey MBA program (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BAFULLMBA/graduate/false).

Program Description:
Students who graduate from the W. P. Carey School of Business' MBA program have a foundational understanding of how to use data to drive insights that solve business challenges or help capitalize on an opportunity. The concentration in business analytics is intended to extend the student's quantitative and analytical skills and assist in their discovery of how to derive value from data, so they can lead data-driven analyses and create a business advantage across markets and industries.

The business analytics concentration program seeks to capitalize on the explosion of data being captured and stored by organizations. Students develop skills in decision modeling, enterprise systems, data mining, information security and analytical decision making.

Degree Requirements:
60 credit hours including the required capstone course (MGT 589).

Required Core (1.5 credit hours)
LES 582 Ethical Issues for Managers (1.5)

Concentration (12 credit hours)
CIS 505 Introduction to Enterprise Analytics (3)
CIS 508 Data Mining I (3)
SCM 518 Analytical Decision Modeling I (3)
SCM 519 Analytical Decision Modeling II (3)

Electives or Research (43.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• GMAT or GRE test scores
• two letters of recommendation
• current resume
• short-answer question responses
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Career Opportunities:
The Master of Business Administration program in business analytics includes the essential academic preparation for students who are interested in

pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

- business intelligence analyst
- computer database architect
- data analyst
- IT project manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/full-time
MCRD 352
wpcareymasters@asu.edu
480-965-3332

Business Administration (Computer and Information Systems), PHD (BAINFSYPHD)

Online Degree Search Title: Computer Information Systems, PhD
Campus: Tempe

Program Description:
The Department of Information Systems offers a computer information systems concentration within the PhD in business administration. The objective of the full-time program is to prepare scholars for careers at leading research-focused educational institutions.

This program allows doctoral students to participate in ongoing research projects in conjunction with faculty members in the department. Research topics include business analytics and big data, health care IT, IT-enabled services and process innovation, information economics and strategy, security and privacy, and social media and e-commerce and mobile platforms.

Business faculty and doctoral students present their research at leading national and international conferences and publish their research in academic journals. In addition to publishing in top information systems journals, doctoral students are often published in leading journals in other disciplines, including accounting, economics, finance, health care management, marketing, managerial decision-making, operations management and strategic management.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study
The doctoral program consists of a minimum of 84 credit hours of graduate-level coursework beyond the bachelor's degree. A minimum of 42 credit hours of doctoral coursework and 12 credit hours of dissertation are required to be taken at Arizona State University's Tempe campus. At the department's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Students work with their program committees to determine an appropriate plan of study. Common areas of specialization for doctoral studies include:

- business analytics and big data
- health care information technology
- information economics and strategy
- IT-enabled services and process innovation
- security and privacy
- social media, e-commerce and mobile platforms

Comprehensive Examinations
Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examination. At minimum, the comprehensive examination consists of a minimum of a written exam, and an oral exam may also be required by the academic unit.

Candidacy
Doctoral students are notified of achieving candidacy status by receipt of a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctoral degree. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester, including summer session, in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policies and procedures.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GMAT score
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants whose native language is not English must submit scores from the TOEFL. For more information on requirements, students should review the program's website. They should also review the Graduate College website for specific ASU admission requirements.

A master's degree or MBA is recommended (30 credit hours may count toward the minimum total of 84 hours of coursework in the doctoral program). At least two years of full-time related work experience is recommended.

Doctoral students admitted to the W. P. Carey School of Business must have demonstrated competency in mathematics, strong quantitative ability, competency in the use of computer technology for analytical purposes, and an undergraduate degree in a related field from an accredited university.

Applications are reviewed by the department's faculty committee using a portfolio approach. The committee reviews each individual application and examine all parts equally.

Career Opportunities:
A graduate of the doctorate in business administration with a concentration in information systems from the W. P. Carey School of Business is prepared for a career at leading research universities.

Career opportunity positions include:

  • data scientist
  • professor
  • research professor

Contact Information:
Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/information-systems-degrees/doctoral
BA 301P
wpcareyis@asu.edu
480-965-3252

Business Administration (Finance), PHD (BAFINANPHD)

Online Degree Search Title: Finance, PhD
Campus: Tempe

Program Description:
The primary objective of the PhD in business administration with a concentration in finance is to train students for careers as professors of finance at major research universities.

The program provides a challenging course of study in the most recent developments in both the theoretical and empirical aspects of financial economics. This course of study, along with work in economics and statistics, serves as preparation for the understanding and critical analysis of current issues in finance.

Students in the program learn from thought leaders in their respective fields and draw on the resources of America's largest public university. Doctoral students work with distinguished faculty who comprise one of the most productive research groups in the world. Recent surveys of research productivity rank the Department of Finance among the best in the world for research output in the top journals. The faculty produce cutting-edge empirical research in the areas of equity markets, corporate finance, organization structure, international finance, financial institutions and asset pricing. The program is relatively small, promoting faculty-student mentoring relationships; doctoral students receive personal attention.

The program seeks highly capable students with strong academic backgrounds and preferably with work experience.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study
At least 30 credit hours of the approved doctoral degree program, which may include research credit, and 12 dissertation credit hours must be completed after admission to the student's doctoral program. Students may not apply credit hours earned for a doctoral degree previously awarded at ASU or at another institution toward this doctoral degree. However, at the individual academic unit's discretion, students may apply up to 30 relevant credit hours from a previously awarded master's degree toward their doctoral plan of study.

Comprehensive Examinations
Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of the comprehensive examination. At minimum, the examination consists of a written exam, and an oral exam also may be required by the academic unit.

Candidacy
Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or for one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester in which the student defends the dissertation, even if it is a summer session.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policy and procedures for the Doctor of Philosophy.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- three academic letters of recommendation
- scores from the GMAT or GRE
- a brief statement of their career objectives
- a resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum TOEFL requirement is a score of 550 (PBT) or 80 (iBT). An iBT score of 26 is required on the ASU Speaking Proficiency English Assessment Kit for applicants who wish to apply for teaching associateships.

Admission to the program is granted to applicants who present convincing evidence of high-order analytical skills, intellectual curiosity and the ability to work independently in pursuing scholarly research. Applicants should possess the intellectual curiosity and discipline required for original inquiry.

While many accepted students have an MBA or MS in a business-related field, others have a background in other areas, such as engineering, economics, mathematics or physics.

Career Opportunities:

Graduates with a W. P. Carey School of Business doctorate in finance embark on careers in research and academia.

Careers opportunities include:

- assistant professor
- professor
- researcher

Contact Information:
Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/finance-degrees/doctoral
BAC 501
wpcareyfin@asu.edu
480-965-3131

Business Administration (Information Systems Management), MBA (BAISMMBA)

Online Degree Search Title: Business Administration (Information Systems Management), MBA
Campus: Tempe

ASU is not currently accepting applications for this program. Students interested in the information systems management concentration should apply directly to the full time W. P. Carey MBA program (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BAFULLMBA/graduate/false).

Program Description:
In order to be effective business operators, students who graduate from the W. P. Carey School of Business' MBA program must be prepared with foundational knowledge of how to manage data and enterprise information. The information systems management concentration extends this foundational knowledge that all students receive by helping them build the additional technical skills needed by business professionals who aspire to work specifically in the information technology department of the enterprise.

The program educates students in the strategic use of technology to create shareholder value and provides them with an outstanding foundation of technical and managerial expertise. Students develop skills in enterprise modeling, database systems, electronic commerce, data warehousing and business process analysis.

Graduates of the information systems management concentration program are prepared to help shape organizations in a rapidly changing, globally competitive, technologically sophisticated environment.

Degree Requirements:
60 credit hours including the required capstone course (MGT 589).

Required Core (1.5 credit hours)
LES 582 Ethical Issues for Managers (1.5)

Concentration (9 credit hours)
CIS 502 Information Systems: Digital Innovations and Transformation (3)
CIS 510 Business Process and Workflow Analysis (3)
CIS 545 Managing Enterprise Systems (3)

Electives or Research (46.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• GMAT or GRE test scores
• two letters of recommendation
• current resume
• short-answer question responses
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Career Opportunities:
The Master of Business Administration program with a concentration in information systems management includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

• business intelligence analyst
• computer systems architect
• information security analyst
• IT project manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/full-time
MCRD 352
wpcareymasters@asu.edu
480-965-3332

Business Administration (Management), PHD (BAMGMTPHD)
Online Degree Search Title: Management, PhD
Campus: Tempe

Program Description:
Students in the PhD program in business administration with a concentration in management gain current and relevant knowledge of practice and theory from an esteemed faculty of world-class researchers and teachers in the Department of Management and Entrepreneurship, including multiple Academy of Management Fellows.

The doctoral program places primary emphasis on the development of research competence and also emphasizes teaching as a vehicle to academic professionalism. It is not intended for those seeking careers in industry or consulting.

The program develops scholars who are prepared to assume the diverse responsibilities of faculty positions at leading research universities. Although management is a broad field, this doctoral program is best suited for students interested in specializing in organizational behavior, strategic management or organization theory.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study
At least 30 credit hours of the approved doctoral program, which may include research credit, and 12 dissertation credit hours must be completed after admission to the doctoral program. Students may not apply credit hours earned for a doctoral degree previously awarded at ASU or another institution toward their current ASU doctorate program. However, at the individual academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Doctoral students are required to commit full time to the program, at least until they have successfully defended the dissertation proposal. Full-time enrollment entails a minimum of six credit hours of coursework in any regular academic semester. To reach a total of 84 credit hours for the program, most students enroll for nine to 12 credit hours per semester. In addition, students work closely with faculty members through a research assistantship. The program is relatively small, with an emphasis on high quality, offering a great deal of individual attention and mentoring to students.

Comprehensive Examinations
Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam and, at the discretion of the academic unit, an oral exam also may be required.

Candidacy
Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation proposal.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit during the semester (including summer sessions) in which the student defends the dissertation.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT scores
- prior academic performance records
- three letters of recommendation
- a personal statement
- employment summary

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between students' goals and research interests and those of the department. Graduate Admission Services admits or denies each applicant and notifies them in writing.

Career Opportunities:

Graduates are prepared for careers at leading research universities. Possible career opportunities include:

- assistant professor
- professor
- researcher

Contact Information:

Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/management-degrees/doctoral
BA 318
wpcareymgt@asu.edu
480-965-3431

Business Administration (Marketing), PHD (BAMARKPHD)

Online Degree Search Title: Marketing, PhD
Campus: Tempe

Program Description:

Each doctoral student in the PhD program in business administration with a concentration in marketing receives a comprehensive, broad-based education in marketing concepts and research techniques.

All students complete a core curriculum yet tailor their work to achieve personal goals. Further, students at ASU have the ability to specialize in one of three research domains:

- consumer behavior
- quantitative marketing models
- service strategy

Students do not need to declare a specialization during the application process, but if known, applicants can indicate their intended specialized direction of study. It is expected that by the end of their first year, students will commit to one of these three domains.

This is a full-time program only and is not intended for people who want to work in industry positions. The program is typically completed in five years.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 credit hours of the approved doctoral program, which may include research credit, and 12 dissertation credit hours must be completed after admission to the doctoral program. A student may not apply credit hours earned for a doctoral degree previously awarded at ASU or another institution toward their current ASU doctorate program. However, at the academic unit's discretion, a student may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam and, at the discretion of the academic unit, an oral exam also may be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the

comprehensive examinations and successfully defending the dissertation proposal.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as MKT 795 Continuing Registration, during the semester in which the student defends the dissertation, including summer session.

Students should refer to the Graduate College policies and procedures for detailed information regarding the university's doctoral degree requirements.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years. Any exception must be approved by the supervisory committee and the dean of the Graduate College.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE scores
- prior academic performance records
- letters of recommendation
- a personal statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between the student's goals and research interests and those of the department. Recommendations for action are then made to Graduate Admission Services, which admits or denies each applicant and notifies them in writing.

Career Opportunities:
W. P. Carey School of Business doctoral graduates embark on careers in research and academia, learning from thought leaders in their respective fields and gaining the resources of America's largest public university.

Careers opportunities include:

- assistant professor
- professor
- researcher

Contact Information:
Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/marketing-degrees/doctoral
BAC 460
wpcareymkt@asu.edu
480-965-3621

Business Administration (Supply Chain Management), PHD (BASCMPHD)

Online Degree Search Title: Supply Chain Management, PhD
Campus: Tempe

Program Description:
Supply chain management incorporates the core areas of logistics management, operations management and supply management. The PhD in business administration with a concentration in supply chain management is a full-time residential program for students whose career goals are full-time university research and teaching. The curriculum guides students in conducting high-quality research and teaching at the university level.

Students are trained to develop the capability to recognize problems related to supply chain management and frame these problems into research questions which are then addressed in a scholarly way, and they are required to review, analyze, conduct and publish research. They are prepared to do this through a series of doctoral seminars and research methods courses and by participating in active research projects. Students also develop their teaching skills through assignments as teaching assistants or instructors. Teaching assignments typically take place during the last two years of the program.

This program is designed to be completed in four years.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program requires the completion of coursework, the completion of academic papers for submission to journals, a comprehensive exam and a dissertation. The program is generally viewed as a four-year process. Most students serve in research assistantships for all four years. During the program, students are expected to actively participate in required courses as well as in seminars and presentations from colleagues, department faculty and visiting scholars. Students also have the opportunity to teach courses during their doctoral program. Teaching assistantships typically are made available during the last two years of the program. This allows doctoral degree students to get research projects and manuscripts into the multiyear pipeline typical of accepted research articles. Through areas of excellence, centers and the faculty, the supply chain management program has special opportunities for industry-based research projects.

Coursework
The program consists of a minimum of 84 credit hours of approved graduate coursework beyond the bachelor's degree. The department requires doctoral students to take 48 credit hours of graduate coursework in residence at ASU during their first two years. The specific classes must be approved by faculty members in the students' areas of excellence. Students are also required to take 12 hours of research and 12 hours of dissertation credit. A maximum of 12 credit hours can be transferred from previous graduate coursework. Moreover, students' plans of study must be approved in advance by their program chair.

Academic Papers
Students are expected to work on academic papers for submission to journals during their doctoral program. Summer months are intended for manuscript writing for those students who have yet to successfully defend their dissertation proposals. At the end of each summer, all doctoral students are required to have at least one new manuscript ready for submission to a journal for publication. Faculty in the areas of excellence supervise manuscript planning and writing. The bulk of the writing is done during the summer by the students. Faculty in the students' areas of excellence evaluate the papers and provide detailed feedback and instructions for rewriting of papers.

Comprehensive Examinations
Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam and, at the discretion of the academic unit, an oral exam also may be required.

Candidacy
Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including a summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College's policies and procedures.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE scores
- prior academic performance records
- letters of recommendation
- a personal statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between students' goals and research interests and those of the department. Recommendations for action are then made to Graduate Admission Services, which admits each applicant or denies their admission and notifies them in writing.

Career Opportunities:
W. P. Carey School of Business doctoral graduates embark on careers in research and academia, learning from thought leaders in their respective fields and gaining the resources of America's largest public university.

Careers opportunities include:

- assistant professor
- professor
- researcher

Contact Information:
Business, W. P. Carey School of
Business Administration
https://wpcarey.asu.edu/supply-chain-management-degrees/doctoral
BA 446
wpcarey.scm@asu.edu
480-965-6044

Business Analytics, MS (BABUSANMS)
Online Degree Search Title: Business Analytics, MS
Campus: Tempe, ASU@Los Angeles, Online

Program Description:
Delivered by the highly ranked W. P. Carey departments of Information Systems and Supply Chain Management, the STEM-designated MS program in business analytics builds on the quantitative skills and knowledge needed to advance on the analytics career ladder.

Data is becoming vital to today's world, making business analytics specialists one of the most valuable careers. Students learn to extract value from data, lead data-driven projects and create an overall impact within business organizations.

Two pathways are available for the master's degree program. The first pathway is the nine-month full-time program, and it is designed for individuals who want to immerse themselves in full-time graduate studies. The second is the online delivery option in which students deepen their skills in business analytics and learn more about evolving topics in this field. This option is designed for busy working professionals seeking to continue working full-time while attending school.

As a STEM-designated master's degree, the program allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional skills and experience in the U.S.

Los Angeles location: Currently, programs of study are offered in a hybrid learning model. Select courses are offered through in-person instruction in the Herald Examiner Building. The majority of courses are offered virtually from Arizona through a combination of synchronous and asynchronous

learning technologies. Students should consult their advisor and schedule of classes for additional information.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Full-Time Program

Degree Requirements:
30 credit hours including the required applied project courses (SCM 593 and CIS 593).

Required Core (6 credit hours)
CIS 508 Data Mining I (3)
SCM 517 Data-Driven Quality Management (3)

Restricted Electives (18 credit hours)
CIS 505 Introduction to Enterprise Analytics (3)
CIS 509 Data Mining II (3)
CIS 515 Deep Learning Applications in Business (3)
CIS 560 IT Services and Project Management (3)
SCM 516 Descriptive and Predictive Supply Chain Analytics (3) or WPC 501 Statistics for Business (2.5)
SCM 518 Analytical Decision Modeling I (3) or SCM 515 Decision Models for Supply Chain Management (3)
SCM 519 Analytical Decision Modeling II (3)
SCM 587 Project Management (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
CIS 593 Applied Project (1.5)
SCM 593 Applied Project (1.5)

Additional Curricular Information
Students choose courses totaling at least 18 credit hours from the restricted electives list. If approved by the academic unit, other courses may be used.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GMAT or GRE test scores
  • one letter of recommendation
  • current resume
  • short-answer question responses
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department website.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-business-analytics/)

Career Opportunities:

Graduates have the essential academic preparation required for roles that derive value from data and modeling, lead data-driven analyses and that create critical business advantages.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for Business Intelligence Analysts is projected to grow between 7% and 10% between 2018 and 2028, faster than average.

Career examples include:

- business intelligence analyst
- computer database architect
- data analyst
- IT project manager

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/business-analytics
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Economics, PHD (BAECONPHD)

Online Degree Search Title: Economics, PhD
Campus: Tempe

Program Description:

The PhD program in economics provides rigorous training in microeconomic theory, macroeconomic theory, applied economics and econometrics. Additionally, students may select a primary area of specialization for study:

- applied microeconomics
- econometrics
- economic theory
- environmental and resource economics
- financial economics
- macroeconomics

This full-time doctoral program prepares students for teaching and research positions at four-year institutions of higher education and for research positions in public agencies or private business organizations.

The program is relatively small in size, with about 45 doctoral students in residence at any time. This low student-to-faculty ratio affords greater faculty attention and mentoring than larger programs. Students become valued members of the department, involved in teaching, research and seminar activities.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

In addition to completing 60 credit hours beyond the bachelor's degree (30 credit hours beyond the master's degree) and 24 credit hours of research and dissertation, the doctoral student must accomplish five tasks:
- meet the qualifying examination requirement
- present at least one area of emphasis
- pass the comprehensive examination (both written and oral components)
- pass the dissertation proposal defense
- complete a dissertation with an oral defense

Students should see the Department of Economics graduate student handbook for details concerning these tasks.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The Department of Economics requires applicants to send official scores from the GRE directly to Graduate Admission Services. Applications are not reviewed until the GRE scores are received.

The admission policy weighs several factors, including letters of reference, overall GPA, GRE scores and performance in selected mathematics and economics courses. There are no absolute standards for any of the factors, but performance on each clearly should suggest academic potential that is far above those of the normal undergraduate student.

Admission guidelines are available on the Graduate Admission Services website. Applicants should see the program website for application deadlines and admission terms.

Career Opportunities:

W. P. Carey economic doctorate graduates embark on careers in research and academia, learning from thought leaders in their respective fields and gaining the resources of America's largest public university.

Career opportunities include:

- assistant professor
- economist
- research associate

Contact Information:

Business, W. P. Carey School of
Department of Economics
https://wpcarey.asu.edu/economics-degrees/doctoral
CPCOM 412
econ.phd@asu.edu
480-965-3531

Finance, MS (BAFINMS)

Online Degree Search Title: Finance, MS
Campus: Tempe

Program Description:

In only nine months, students in the MS program in finance develop deep expertise in corporate finance and asset or portfolio management and are equipped with the tools needed to manage complex financial institutions. The program is one of the few advanced finance degrees offered by a top-ranked business school, providing a foundation in business and finance. Students have access to world-renowned faculty, motivated classmates and personalized career resources.

Faculty members bring cutting-edge research and decades of real-world experience into the classroom. Classes are offered full-time, during the week, utilizing a lock-step course format allowing students to build on concepts throughout the program. Upon completion of the program, students can graduate with a Chartered Financial Analyst® designation.

As a STEM-designated master's degree, the program allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional skills and experience in the U.S.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Full-Time Program

Degree Requirements:
32 credit hours including the required capstone course (FIN 575).

Required Core (26-27 credit hours)
ACC 502 Financial Accounting (2.5 or 3)
FIN 502 Managerial Finance (2.5 or 3)
FIN 509 Quantitative Methods in Finance I (3)
FIN 525 Investment Strategies (2.5)
FIN 530 Derivatives (2.5)
FIN 535 Quantitative Methods in Finance II (3)
FIN 545 Advanced Corporate Finance (2.5)
FIN 550 Fixed Income (2.5)
FIN 560 International Finance (2.5)
FIN 565 Risk Management in Banks and Financial Institutions (2.5)

Other Requirement (2.5 credit hours)
FIN 555 Entrepreneurial Finance (2.5) or FIN 591 Topic: AI and Machine Learning Applications in Finance (2.5)

Electives (0-1 credit hours)

Culminating Experience (2.5 credit hours)
FIN 575 Finance Capstone (2.5)

Additional Curriculum Information
To account for the difference in the numbers of credit hours offered in the core courses, one credit hour of electives may be required.

For other requirements, substitutions may be allowed with approval of the academic unit.

The schedule follows the seven-week quarterly schedule of the MBA program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or masters degree from a regionally accredited institution in business and management, economics, statistics, computer science or other types of science, engineering, technology and mathematics degree areas.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- short answer question responses
- current resume
- proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are two main audiences for the master's degree program: first, recent undergraduates from business, economics or related majors or from programs where quantitative skills have been emphasized; and second, career advancers who have strong quantitative skills and seek to adapt

those skills to be more competitive in the job market. Career advancers must be able to commit to a full-time plan of study; the program may not cater to working professionals as it is currently designed.

This program is appropriate for students who have completed undergraduate programs with quantitative underpinnings, at either ASU or other universities.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Career Opportunities:
The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for financial analysts is projected to grow 4 to 6 percent between 2018 and 2028.

The Master of Science program in finance includes the essential academic preparation for students who are interested in pursuing professional careers in corporate finance, risk management, money management, financial planning, investment banking, consulting or real estate.

Career examples include:

- budget analyst
- financial analyst
- financial manager
- investment specialist

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/finance
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Global Financial Management, DBA (BAGFMDBA)

Online Degree Search Title: Global Financial Management, DBA
Campus: Tempe

Program Description:
China is globalizing at an astonishing rate. This pace of change is profoundly affecting not only China's domestic situation, but also the global economy.

The DBA in global financial management is an applied professional doctorate designed for senior corporate leaders and government officials in China seeking a terminal degree alternative to the traditional PhD intended for those pursing an academic career. The leaders emerging from this program are prepared to transform China's economic structure, its financial markets and shape the future of China's leadership roles in the global economy of the 21st-century.

All such initiatives depend on the development of human capital, for it is the catalyst for all. Hence, the Doctor of Business Administration program is designed to sustain and amplify leaders who aspire to affect transformative changes in this exciting and dynamic global environment.

This program is offered by the W. P. Carey School of Business and Shanghai Advanced Institute of Finance.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
DBA 702 Global Financial Systems: Markets and Institutions (3)
DBA 703 Global Financial Systems-Institutional Investing (3)
DBA 705 Global Corporate Strategy (3)
DBA 708 Challenges of Corporate Finance and Governance (3)

Electives (21 credit hours)

Research (9 credit hours)

Culminating Experience (12 credit hours)
DBA 799 Dissertation (12)

Additional Curriculum Information
Thirty credit hours from a previously awarded master's degree may be applied to this degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned from a regionally accredited college or university of recognized standing a degree of Master of Business Administration, Master of Economics, Master of Finance, Master of Accountancy or a related field of specialization in business.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Additional Application Information
Proficiency in English is not required.

Official bachelor's and master's degree transcripts should be submitted listing all coursework in both the native language and official English translation.

This degree is offered in China only. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Career Opportunities:
The Doctor of Business Administration program in global financial management includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/international-programs/china/english/dba/overview
BA 304C
WPCareydba@asu.edu
480-965-1870

Global Logistics, MS (BAGLSMS)
Online Degree Search Title: Global Logistics, MS
Campus: West

Program Description:
Classes for the nine-month MS in global logistics are offered in a full-time, weekday format. The full-time curriculum, with courses offered during the day, provides specialized knowledge and practical perspectives on global operations, logistics and multicultural approaches, thus preparing graduates for a growing career field. Students in this program have access to world-renowned faculty, motivated classmates and personalized career resources. Students build a foundation for a growing global field through curriculum developed by one of the leading supply chain management departments in the country.

A recent $15 million investment by the W. P. Carey Foundation in career services provides students with an opportunity to meet with a wide range of employers along with excellent career coaches and the tools to help students thrive in their careers.

As a STEM-designated master's degree, the program allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional skills and experience in the U.S.

Degree Requirements:
30 credit hours including the required applied project course (SCM 593).

Required Core (27 credit hours)
MGT 502 Organizational Behavior (3)
SCM 502 Operations and Supply Chain Management (3)
SCM 515 Decision Models for Supply Chain Management (3)
SCM 516 Descriptive and Predictive Supply Chain Analytics (3)
SCM 520 Strategic Procurement (3)
SCM 532 Supply Chain Cost and Design Issues (3)
SCM 541 Logistics in the Supply Chain (3)
SCM 542 Logistics, Globalization, and Economic Development (3)
SCM 545 Cases in Global Logistics (3)

Culminating Experience (3 credit hours)
SCM 593 Applied Project (3)

Additional Curriculum Information
The schedule follows a combination of ASU scheduling options. Three courses follow schedule C and have a semester-long duration. The other seven courses follow the 7.5-week quarterly schedule of the MBA program. Those courses require some online and extra class time to meet the 40 contact hours standard of The Association to Advance Collegiate Schools of Business.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in business and management, computer information systems, economics or other types of global studies or similar degree areas.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- essays
- GMAT or GRE test scores
- one letter of recommendation
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are two main audiences for the master's degree program: recent undergraduates from logistics-related majors and career advancers with a background in supply chain management and operations whose skills can be expanded to include a broader global context and exposure to emerging markets. Students must be able to commit to a full-time plan of study; the program may not cater to working professionals as it is currently designed.

This program is appropriate for applicants who have strong quantitative skills and seek to adapt those skills to be more competitive in the job market.

All applicants must submit either the GMAT or GRE. For more information on GMAT, students should visit https://www.mba.com/ (https://www.mba.com/). For GRE, they should see https://www.ets.org/gre (https://www.ets.org/gre). Applicants should expect to score above 600 on the GMAT to be competitive.

There is no requirement for a foreign language exam for this program.

Career Opportunities:

The MS program in global logistics includes the essential academic preparation for students who are interested in pursuing professional careers with an international perspective in logistics, supply chain and global operations.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for logistics managers is projected to grow 4 to 6 percent between 2018 and 2028.

Career examples include:

- logistics analyst
- logistics manager
- supply chain analyst
- transportation manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/global-logistics
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Information Systems Management, MS (BAINFOMS)

Online Degree Search Title: Information Systems Management, MS
Campus: Tempe

Program Description:
The STEM-designated MS program in information systems management is consistently ranked top 15 in the nation by U.S. News & World Report.

Building off a rigorous core curriculum, students use the degree specializations to deepen their problem-solving and, ultimately, leadership skills.

Students can choose a focus in data analytics, cloud or tech consulting to add greater value to their degree and to align it with their career goals.

Through the latest techniques and methodologies, hands-on experience and relevant case studies, students discover how digital innovations, data analytics and information systems are transforming business.

With the STEM-designation, the master's degree program in information systems management allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional real-world skills and experience in the U.S.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
    Legal Studies, MLS
    W. P. Carey MBA - Full-Time Program

Degree Requirements:
30 credit hours including the required capstone course (CIS 575).

Required Core (3 credit hours)
CIS 565 Artificial Intelligence and Business (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
CIS 575 Emerging Technologies (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- short-answer question responses
- two letters of recommendation
- GMAT or GRE test scores
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are expected to have two years of full-time related work experience and prerequisite college-level courses or equivalent experience in statistics, brief calculus and a programming language.

Complete application instructions may be obtained from the department's website.

Career Opportunities:
The Master of Science program in information systems management includes the essential academic preparation for students who are interested in pursuing professional careers in diverse industries, utilizing skills in big data, cloud and tech consulting.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states employment for IT project managers is projected to grow 7 to 10 percent between 2018 and 2028.

Career examples include:

- business intelligence analyst
- computer systems architect
- information security analyst
- IT project manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/information-management
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Innovation and Venture Development, MS (HIIVDMS)
Online Degree Search Title: Innovation and Venture Development, MS
Campus: Tempe

Program Description:
The MS program in innovation and venture development integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed for launching successful ventures in any industry or sector, inside existing organizations or as new entities.

Graduates are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs and evaluate opportunities, generating insights from real-world problems; innovate solutions; and create and launch scalable business models that provide value to all stakeholders. Founders with this innovation and venture development degree from ASU can define a new standard for venture development.

Degree Requirements:
30 credit hours including the required capstone course (IVD 661).

Required Core (18 credit hours)
IVD 525 Fundamentals of Entrepreneurial Leadership (3)
IVD 560 Innovation Studio I: Discovery and Insight (3)
IVD 561 Innovation Studio II: Problem Reframing (3)
IVD 562 Innovation Studio III: Explore, Fail, Solve (3)
IVD 630 Scaling Entrepreneurial Leadership (3)
IVD 660 Innovation Studio IV: Business Model (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)
IVD 661 Innovation Studio V: Scale (6)

Additional Curriculum Information
Students should see the academic unit for a list of approved elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • professional resume
 • written statement
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Career Opportunities:
Career opportunities include:

 • chief innovation officer
 • creative developer
 • director of engineering
 • founder or CEO
 • innovation manager
 • management consultant
 • marketing director
 • product developer

Contact Information:
Engineering, Ira A. Fulton Schools of
Dean, Herberger Institute for Design and the Arts
https://design.asu.edu/
CDN 162
msivd@asu.edu
480-965-3536

Management, MS (BACMRMS)
Online Degree Search Title: Management, MS

Campus: Tempe

Program Description:
Arizona State University's MS in management, offered by the W. P. Carey School of Business, is an innovative business degree program providing new liberal arts, science, engineering and other nonbusiness graduates with the intellectual and professional skills needed to succeed in today's business environment. This one-year program is designed to develop critical thinking skills, as applied to fundamental business procedures and processes, and leadership skills.

Designed for graduates of nonbusiness programs with fewer than two years of work experience, students achieve the capability and motivation to rapidly progress in any profession where business plays an important role. The management program differs substantially from a traditional MBA program in that no work experience is required for admission and the coursework is completed in one year, giving a broad overview of the essentials of managerial decision-making.

Three distinct components of the Master of Science program in management prepare students to immediately add value and lead in all types of business environments: core business courses that deliver necessary business skills through integrative cases, project-based learning and teamwork; leadership courses that develop understanding of strategic vision, instituting change, information systems, and the role and importance of sustainability; and a culminating experience that bridges the gap between academic learning and real-world business application.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Legal Studies, MLS

Degree Requirements:
36 credit hours including the required applied project course (MGT 593).

Required Core (28.5 credit hours)
ACC 501 Fundamentals of Financial Accounting (1.5)
ACC 504 Fundamentals of Managerial Accounting (1.5)
ECN 504 Fundamentals of Managerial Economics (3)
FIN 501 Basics of Finance: The Art of Managing Resources to Create Value (3)
LES 586 Fundamentals of Ethical Issues for Managers (1.5)
MGT 501 Fundamentals of Organizational Behavior (3)
MGT 528 Basics of Mastering the Art of Influence and Negotiations (3)
MGT 586 Fundamentals of Strategic Management (1.5)
MKT 501 Fundamentals of Marketing Management (3)
SCM 501 Basics of Operations and Supply Management (3)
SCM 587 Project Management (1.5)
WPC 504 Fundamentals of Statistics for Managers (3)

Other Requirements (3 credit hours)
MGT 591 Topic: Business Communication (1.5)
WPC 594 Topic: Job Search Strategies (1.5)

Culminating Experience (4.5 credit hours)
MGT 593 Applied Project Consulting Project Capstone (3) AND
MGT 593 Applied Project Consulting Project Lab (1.5)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.0 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- GRE or GMAT test scores
- one letter of recommendation
- current resume
- short-answer question responses
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Career Opportunities:

The Master of Science in management includes the essential academic preparation for students who are interested in pursuing professional careers in diverse roles and industries, focusing on practical, universal business knowledge.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states that management analysts will have a much faster than average growth between 2018 and 2028 at 11% or higher.

Career examples include:

- human resources specialist
- logistics manager
- marketing associate
- sales manager

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Management, MS (BAMCCMS)

Online Degree Search Title: Management in China/Corporate, MS
Campus: Tempe

Program Description:

The W. P. Carey School of Business at Arizona State University is directly involved in the development of top leadership in China. The MS custom corporate program in China is designed for participants of a single company in China. Upon successful completion of the program curriculum, a participant is granted an ASU Master of Science degree in management through the W. P. Carey School of Business.

The curriculum is designed to leverage participants' existing strengths in a chosen management concentration and it provides intensive knowledge on managerial decision-making and strategic formulation. Accordingly, the curriculum is designed with a strong transdisciplinary focus while achieving cycle time efficiency. At the core of the curriculum delivery is emphasis on practical applications with direct business connectivity. A noteworthy feature of the curriculum is its integration of global practices and local market characterizations to enable participants' ability to excel in the modern economy.

The hallmarks of prestigious programs include two key elements: the faculty and the students. No other master of science program in China offers a more impressive list of faculty or students than the W. P. Carey China program. The faculty includes renowned faculty from the W. P. Carey School of Business as well as from other prestigious American business schools.

Degree Requirements:

36 credit hours including the required capstone course (MGT 588).

The curriculum consists of 12 courses, concentrating on management. It is a world-class master's degree program with immersion in financial accounting, managerial finance, statistics and economics, marketing management, organizational theory and behavior, human resources management, supply chain management and information technology management.

All students must successfully complete the comprehensive requirement for Master of Science graduates established by the W. P. Carey School of Business and the Graduate College. As a lock-step program, there are no opportunities for participants to make up missed courses or to substitute courses. Therefore, students must complete all 12 courses before graduation with a grade of "B" or higher (3.00 on a 4.00 scale) for each course to satisfy the comprehensive requirement. A thesis is not required.

Admission Requirements:
The Master of Science custom corporate program in China requires that students be nominated into the program by the company, and it is only delivered in China. Applicants are required to contact the program coordinator before submitting the online graduate admission application.

Career Opportunities:
The Master of Science in management program includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/international-programs/china/english
MCRD 375DD
WPCareyMiMChina@asu.edu
480-965-4203

Real Estate (Certificate), Certificate (BAREAGRCT)

Online Degree Search Title: Real Estate (Graduate Certificate)
Campus: Tempe

Program Description:
The real estate graduate certificate program encompasses foundational courses in real estate education including valuation, investment, finance, law and development. The curriculum includes a culminating experience that partners classroom knowledge with experiential learning to further develop the requisite skills students need to succeed as real estate professionals in the built environment.

The program is intended to supplement students' major area of study and provide the understanding necessary for critical thinking and application within the field of real estate. The certificate does not apply to any outside licensing programs.

Degree Requirements:
16 credit hours including the required capstone course (RED 514).

Required Core (2 credit hours)
RED 510 Real Estate Development Business and Project Management (2)

Electives (11 credit hours)

Culminating Experience (3 credit hours)
RED 514 Synthesis Project #2 Income Property Development (3)

Additional Curriculum Information
Students should see the academic unit for approved elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in law, architecture, landscape architecture,

urban design, construction, civil engineering, marketing, geography, planning, finance, real estate or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The skills and knowledge students gain in the real estate certificate are applicable to a variety of career opportunities throughout real estate such as law, architecture, urban design, marketing, planning and more.

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/real-estate-development
MCRD 150
wpcareymasters@asu.edu
480-965-8517

Real Estate Development, MREDev (ARREMREDEV)

Online Degree Search Title: Real Estate Development, MRED
Campus: Tempe

Program Description:
Students participating in the W. P. Carey MRED program participate in group projects focused on real estate development in a collaborative class environment. Students learn to address the physical, legal, economic, political and financial conditions of property in order to find solutions and complete projects.

This transdisciplinary program is a partnership with the Sandra Day O'Connor College of Law, the Herberger Institute for Design and Arts and the Del E. Webb School of Construction.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Legal Studies, MLS

Degree Requirements:
36 credit hours including the required capstone course (RED 515).

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The program is offered in an intense format covering two academic semesters. Students take required core course modules in a variety of formats, including:

- comprehensive module exams to assess aggregate knowledge
- face-to-face classroom instruction
- group work
- independent research
- synthesis projects
- topical quizzes
- weekly assignments

The business school does not accept graduate credits earned while students are in nondegree status or from courses taken prior to admission to the program or taken while enrolled in another program outside the W. P. Carey School of Business.

There is no foreign language requirement.

There is no thesis requirement.

All students must successfully complete the final synthesis project requirement established by the W. P. Carey School of Business and the Graduate College for the Master of Real Estate Development. The comprehensive culminating experience is integrated with RED 515 Capstone Project: Mixed Use Property Development. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the culminating experience requirement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all coursework completed at institutions other than ASU
• one letter of recommendation
• current resume
• short answer questions
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Career Opportunities:
The Master in Real Estate Development program includes the essential academic preparation for students who are interested in pursuing professional careers in corporate finance, risk management, money management, financial planning, investment banking, consulting or real estate.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment in Real Estate is projected to grow 7 to 10 percent between 2018 and 2028, faster than average.

Career examples include:

• financial analyst
• real estate broker
• real estate manager
• regional planner

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Business, W. P. Carey School of

WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/real-estate-development
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Supply Chain Management, MS (BASCMMS)

Online Degree Search Title: Supply Chain Management, MS
Campus: Online

Program Description:
The MS program in supply chain management prepares students for advancement in supply chain management careers across a broad diversity of industries and functions or to pursue careers in management, consulting, business development and supply chain management information technology. Students discover the technical elements of supply chain and learn how to manage the flow of products and the processes that generate them.

The program provides an understanding of the role the supply chain manager can play in an enterprise supply chain and in the overall strategy. The program exposes students to leading supply chain management operating practices, analysis methods, technology applications and strategy development.

Degree Requirements:
30 credit hours including the required capstone course (SCM 551).

Required Core (3 credit hours)
SCM 520 Strategic Procurement (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)
SCM 551 Operations Planning and Execution (3)

Additional Curriculum Information
Students choose elective and research coursework from a restricted list. Students should see the academic unit for the approved course list. Other coursework may be use with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W.P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, engineering or sciences (such as math or statistics) or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

To be eligible for this program, applicants must have successfully completed the MITx MicroMasters® program in Supply Chain Management with an 80% or better: https://www.edx.org/micromasters/mitx-supply-chain-management (https://www.edx.org/micromasters/mitx-supply-chain-management)

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of recommendation
• letter of intent or written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Complete application instructions may be obtained from the department's website.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/supply-chain-management-ms/)

Career Opportunities:
The Master of Science in supply chain management includes the essential academic preparation for students who are interested in pursuing professional careers in purchasing and procurement, operations or logistics.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for supply chain managers is projected to grow 4 to 6 percent between 2018 and 2028.

Career examples include:

- logistics manager
- purchasing analyst
- supply chain analyst
- supply chain manager

Contact Information:
Business, W. P. Carey School of
Department of Supply Chain Management
https://wpcarey.asu.edu/masters-programs
BA 445
wpcareymasters@asu.edu
480-965-3332

Supply Chain Management (certificate), Certificate (BASCMCERT)

Online Degree Search Title: Supply Chain Management (Graduate Certificate)
Campus: Online

ASU is not currently accepting applications for this program.

Program Description:
The certificate program in supply chain management is composed of courses with content that is tightly integrated and offers a comprehensive coverage of core topics in supply chain management.

The intended audiences for this certificate include working professionals who are graduates of general management undergraduate or graduate business programs who wish to supplement their degrees with focused, graduate-level courses in supply chain management. Students are either relatively new to supply chain management and desire a foundational knowledge of supply chain management complexities as well as a strong understanding of how companies leverage their supply chains to achieve competitive advantage, or they are experienced supply chain management professionals who wish to update their knowledge of current thinking and best practices through interaction with faculty engaged in broad-based research and consulting.

Degree Requirements:
15 credit hours including the required capstone course (SCM 532).

Required Core (12 credit hours)
SCM 502 Operations and Supply Chain Management (3)
SCM 520 Strategic Procurement (3)
SCM 521 Supply Management and Negotiation (3)
SCM 541 Logistics in the Supply Chain (3)

Culminating Experience (3 credit hours)
SCM 532 Supply Chain Cost and Design Issues (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- evidence of a minimum of two years of full-time work experience
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The certificate program in supply chain management includes the essential academic preparation for students who are interested in pursuing professional careers in purchasing and procurement, operations or logistics.

The U.S. Bureau of Labor Statistics Occupational Outlook (2019) states, employment for supply chain managers is projected to grow 4 to 6 percent between 2018 and 2028.

Career examples include

- logistics manager
- purchasing analyst
- supply chain analyst
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/supply-chain-management-degrees
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Supply Chain Management and Engineering, MS (BASCMEMS)

Online Degree Search Title: Supply Chain Management and Engineering, MS
Campus: Online

ASU is not currently accepting applications for this program.

Program Description:
The MS in supply chain management and engineering is a two-year, 30 credit hour program for working professionals in supply chain management, industrial engineering or a related field.

The program consists of 15 credit hours of courses from the Department of Supply Chain Management in the W. P. Carey School of Business and 15 credit hours from the industrial engineering program in the School of Computing and Augmented Intelligence in the Ira A. Fulton Schools of Engineering.

Most students have an undergraduate degree in a technical field, such as business, engineering or science. The objective is twofold: to provide students with knowledge of the fundamental foundations across the full spectrum of supply chain management functions and to provide them with the ability to use state-of-the-art engineering tools to analyze, control and optimize modern supply chains.

Degree Requirements:
30 credit hours including the required applied project course (SCM 593).

Required Core (27 credit hours)

Culminating Experience (3 credit hours)
SCM 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- GMAT or GRE test scores
- personal statement
- one letter of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The W. P. Carey School of Business and the Ira A. Fulton Schools of Engineering seek exceptional individuals who are working supply chain professionals or are in closely related fields. Applicants must be highly motivated and have strong intellectual capabilities. The admission committee looks for outstanding academic credentials, character qualities such as maturity, integrity and leadership, and diversity in perspectives and experiences.

Career Opportunities:
The Master of Science program in supply chain management and engineering includes the essential academic preparation for students who are interested in pursuing professional careers in purchasing professional and procurement, operations or logistics.

The U.S. Bureau of Labor Statistics Occupational Outlook (2019) states, employment for supply chain managers is projected to grow 4 to 6 percent between 2018 and 2028.

Career examples include:

- logistics manager
- purchasing analyst
- supply chain analyst
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Taxation and Data Analytics, MTax (BATAMTAX)

Online Degree Search Title: Taxation and Data Analytics, MTax
Campus: Tempe

This program's name has changed effective Fall 2022. The previous name was Taxation.

Program Description:
The nine-month MTax program is delivered by the W. P. Carey School of Accountancy and is highly ranked by the Public Accounting Report. The cutting-edge curriculum is structured to provide students with an in-depth working knowledge of the highly technical and demanding skills required to provide tax and business advice in the private and public sectors. Esteemed faculty experts bring real-world experience into each class, giving the degree even more long-term value. Students gain preparation for their career through case-based courses and team assignments.

Students dive into taxation in greater depth. Five of the 10 courses are technical, with small classes and personalized instruction.

The Master of Taxation program is designed for individuals who want to immerse themselves in full-time graduate studies, take classes during the

day and fulfill course requirements for the CPA exam in Arizona and in California. Because of the quality of the Master of Taxation program, students gain the skills and knowledge needed to launch their careers, while opening the door to top hiring firms.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Full-Time Program

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Accountancy, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (ACC 589).

Required Core (3 credit hours)
ACC 571 Taxation of Corporations and Shareholders (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
ACC 589 International Taxation (3)

Additional Curriculum Information
The Master of Taxation program is a nine-month, full-time, lock-step program that offers classes during the day and is completed in one academic year. Applicants must complete program prerequisites prior to admission to the program. Students should refer to the W. P. Carey School of Business graduate programs website for a current listing of required course prerequisites. Graduate-level accounting courses are only open to students admitted to the graduate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • GMAT or GRE test scores
 • one letter of recommendation
 • current resume
 • answers to short-answer questions
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

In addition to the ASU graduate admission application, applicants also must submit all supplemental application materials required by the W. P. Carey Graduate Programs Office. Complete application instructions may be obtained from the department's website.

Career Opportunities:

The Master of Taxation program includes the essential academic preparation for students who are interested in pursuing professional careers in public, corporate and governmental in tax and auditing.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states that employment for financial analysts is projected to grow between 4 and 6 percent between 2018 and 2028.

Career examples include:

- budget analyst
- revenue agent
- tax auditor
- tax preparer

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/masters-programs/taxation
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BACORPMBA)

Online Degree Search Title: W. P. Carey MBA - Custom Corporate Program
Campus: ASU@MexicoCity

Program Description:

The custom corporate MBA program is designed for participants from a single company. Participants are nominated to attend the program by their company and receive a solid core curriculum with optional specializations.

The custom corporate Master of Business Administration program offers flexible part-time delivery modes using online, in-person and blended courses. Possible features that can be incorporated into the custom programs are company-specific applied projects, guest teaching from corporate leaders and intensive residential sessions.

Degree Requirements:

42 credit hours including the required capstone course (MGT 589).

The custom corporate MBA program requires that students be nominated into the program by the sponsoring company.

Admission Requirements:

Applicants must submit the graduate admission application, meet Graduate College admission requirements, and meet the guidelines established by the custom corporate Master of Business Administration program.

Career Opportunities:

The Master of Business Administration program includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager

- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/custom-corporate
MCRD 460
wpcarey.execed@asu.edu
480-965-7579

W. P. Carey MBA, MBA (BAEVEAMBA)
Online Degree Search Title: W. P. Carey MBA - Fast-Track Program
Campus: Tempe

Program Description:
The purpose of the W. P. Carey School of Business MBA program is to provide a solid foundation and knowledge base in the core business disciplines and to develop the analytic capabilities, decision-making and leadership skill sets essential for making sound business decisions.

The curriculum is delivered in a case-based, team-oriented and discussion-style learning environment. Elective courses provide additional depth and breadth to enhance the student's area of emphasis, knowledge base and career goals.

The fast-track Master of Business Administration is perfect for working professionals who need an MBA to advance in their careers. Classes are held two nights a week --- with online courses also available --- allowing students to graduate with an MBA in 12 to 18 months, depending on the student's incoming discipline.

As a STEM-designated master's degree, the program allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional skills and experience in the U.S.

Degree Requirements:
30 credit hours including the required capstone course (MGT 589).

Required Core (3 credit hours)
LES 582 Ethical Issues for Managers (3)

Electives and research (24 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curriculum Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an optional area of emphasis. There may be additional requirements that vary by area of emphasis.

All students must successfully complete the comprehensive exam requirement established by the school of business and the Graduate College for the Master of Business Administration. The comprehensive exam is integrated with the MGT 589 Strategic Management capstone course culminating experience. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- current resume
- essays
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

In addition to having two years of work experience, successful applicants for the fast-track MBA have earned a master's degree in a specific business discipline. If the previously earned master's degree is not from an AACSM-accredited school, GRE or GMAT test scores may be requested from applicant.

Applicants should see the department's website for more information.

Career Opportunities:
The Master of Business Administration program includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for business managers is projected to grow between 4 and 11 percent between 2018 and 2028.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAEVENMBA)

Online Degree Search Title: W. P. Carey MBA - Evening Program
Campus: Tempe

Program Description:
The W. P. Carey School of Business MBA program provides a solid foundation in the core business disciplines; students develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions. Through a comprehensive business curriculum taught by world-renowned faculty, the W. P. Carey evening Master of Business Administration program enhances students' current strengths and helps them immediately impact their organizations.

Students can personalize their Master of Business Administration through evening and online classes while earning their degree in two to four years. The curriculum is delivered in a case-based, team-oriented and discussion-style learning environment. Elective courses provide additional depth and breadth to enhance an area of emphasis, students' knowledge base and career goals.

The evening Master of Business Administration program is designed for working professionals seeking to continue working full time while attending school. The program starts in August and can be completed in 21 months, depending on course formats.

A W. P. Carey Master of Business Administration stands apart from many part-time MBA programs that offer a core business curriculum with very little specialization. With more than 20 electives and options to add concurrent degrees, students can fit their Master of Business Administration with their passions, and pursue a degree at the same time. The MBA program is supported by each of the eight academic units within the W. P. Carey School of Business.

As a STEM-designated master's degree, the program allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional skills and experience in the U.S.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Legal Studies, MLS

Degree Requirements:
48 credit hours including the required capstone course (MGT 589).

Required Core (3 credit hours)
LES 582 Ethical Issues for Managers (3)

Electives (42 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curriculum Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core courses are designed to provide a foundation in business knowledge and skills and must be taken in the prescribed sequence. Elective courses build upon the business core and center on the further development of an area of emphasis. There may be additional requirements that vary by area of emphasis. The program is completed in 21 months.

All students must successfully complete the comprehensive requirement established for the Master of Business Administration by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • current resume
  • short-answer question responses
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Applicants should see the department's website for more information.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities on seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. More information can be found on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
The Master of Business Administration program includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions, such as human resources, finance or marketing.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for business managers is projected to grow between 4 and 11 percent between 2018 and 2028.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/part-time
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAEXECMBA)

Online Degree Search Title: W. P. Carey MBA - Executive Program
Campus: Tempe

Program Description:
The executive MBA program is designed for senior leaders with increasing responsibility managing people, projects and budgets.

The W. P. Carey School of Business Master of Business Administration program provides a solid foundation and knowledge base in the core business disciplines and develops the analytic capabilities and decision-making and leadership skill sets required to effectively integrate decisions into the business environment. Students learn how to refine their management skills and contribute more substantially to their organization and society.

Classes meet one weekend per month on campus, convenient for travel from within Arizona and surrounding states. A summer experience in Washington, D.C. and an international practicum help students see the world of business in a new way. The executive Master of Business Administration is completed in 21 months and is supported by each of the eight academic units within the W. P. Carey School of Business. The comprehensive approach equips students with:

- the fundamentals of business and the confidence to see projects to completion
- a data-driven mindset
- strategic leadership skills and exposure
- the understanding of public policy here and abroad

Degree Requirements:
48 credit hours including the required capstone course (MGT 589).

Required Core (1.5 credit hours)
LES 582 Ethical Issues for Managers (1.5)

Electives and Research (43.5 credit hours)

Culminating Experience (3 credit hours)
Capstone: MGT 589 Strategic Management (3)

Additional Curricular Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or from courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside of the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The executive curriculum must be taken in the prescribed sequence and is augmented by a series of lectures on thought leadership and off-site learning programs, including a business and public policy course in Washington, D.C. An additional off-site course exploring issues and strategies in the global business environment is held in partnership with an international business school. The program is completed in 21 months.

All students must successfully complete the comprehensive requirement established for the Master of Business Administration by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • current resume
  • two letters of recommendation
  • answers to short-answer questions
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, will be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Career Opportunities:
The Master of Business Administration includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions, such as human resources, finance or marketing.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for business managers is projected to grow between 4 and 11 percent between 2018 and 2028.

Career examples include:

  • CEO

- finance manager
- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/executive
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAFULLMBA)

Online Degree Search Title: W. P. Carey MBA - Full-Time Program
Campus: Tempe

Program Description:
Highly ranked by U.S. News & World Report, the full-time MBA program meets the rapid changes and new realities in business and prepares students to be adaptable in the face of the uncertainty and ambiguity of a rapidly changing global economy. This program prepares students for immediate success through a cutting-edge curriculum, dedicated career services and a supportive community.

In tandem with rethinking the way the world does business, the W. P. Carey School of Business is rethinking the way business is taught. This program is designed for individuals who want to immerse themselves in full-time graduate studies and take classes during the day. Small class size in the program supports individual learning, promotes student-faculty interaction and encourages personal and professional development.

The Master of Business Administration curriculum is rooted in transformation of both the students and current business practices and is supported by each of the eight academic units within the W. P. Carey School of Business. Group projects and access to different organizations give students the tools to graduate ready to make a difference in their community and in the world. Connect with internationally renowned faculty, who bring years of real-world experience and innovative research into the classroom. The Master of Business Administration transforms students into leaders who can navigate circumstances filled with ambiguity.

As a STEM-designated master's degree, the program allows eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months, helping international students gain additional skills and experience in the U.S.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
Accountancy and Data Analytics, MACC
Architecture, MArch
Business Analytics, MS
Finance, MS
Information Systems Management, MS
Juris Doctor, JD
Legal Studies, MLS
Taxation and Data Analytics, MTax

Degree Requirements:
60 credit hours including the required capstone course (MGT 589).

Required Core (1.5 credit hours)
LES 582 Ethical Issues for Managers (1.5)

Electives (55.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curricular Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability as well as effective written and

oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or from courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside of the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge. Elective or specialization courses build upon the business core and center on the further development of a specialization. There may be additional requirements that vary by specialization. The program is typically completed in two years, with a required internship in the summer between the first and second year of study.

All students must successfully complete the comprehensive requirement established for the Master of Business Administration by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with capstone course MGT 589 Strategic Management. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- two letters of recommendation
- current resume
- short-answer question responses
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. More information is available on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
The Master of Business Administration program includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions, such as human resources, finance or marketing.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states, employment for business managers is projected to grow between 4 and 11 percent between 2018 and 2028.

Career examples include:

- CEO
- finance manager

- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/full-time
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAONLINMBA)

Online Degree Search Title: W. P. Carey MBA - Online Program
Campus: Online

Program Description:
The W. P. Carey School of Business MBA program provides a foundation and knowledge base in the core business disciplines so students develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions.

Students develop their leadership skills wherever and whenever learning suits them best. With one core course at a time and flexible elective and concurrent degree options, the online Master of Business Administration allows students to focus on their studies while managing their career and their life.

Highly ranked by U.S. News & World Report (https://wpcarey.asu.edu/about/rankings (https://wpcarey.asu.edu/about/rankings)) and accredited by the Association to Advance Collegiate Schools of Business (https://wpcarey.asu.edu/about/accreditation (https://wpcarey.asu.edu/about/accreditation)), the online Master of Business Administration program delivers the same course content taught by faculty members of the full-time and professional flex Master of Business Administration programs and students earn the same highly ranked degree.

The curriculum is delivered in a case-based, team-oriented learning environment. Elective courses provide additional depth and breadth to enhance students' knowledge base and career goals. The online Master of Business Administration is designed for working professionals seeking to continue working full time while attending school. The program starts in January and August and is completed in 21 months.

The Master of Business Administration program is supported by each of the eight academic units within the W. P. Carey School of Business.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
    Electrical Engineering, MSE
    Industrial Engineering, MS

Degree Requirements:
49 credit hours including the required capstone course (MGT 589).

Required Core (3 credit hours)
LES 582 Ethical Issues for Managers (3)

Electives (43 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Stategic Management (3)

Additional Curriculum Information
All students must successfully complete the comprehensive requirement for the MBA established by the school of business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills. To be successful in an online learning environment, students must also have computer proficiency and expertise in using

spreadsheet, word processing and presentation software packages, email and an Internet browser.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an area of emphasis. The program is typically completed in less than two years.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable masters degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • current resume
  • short-answer questions
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program

Applicants should see the department's website for more information.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-business-administration/)

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students with more than 50 program opportunities spanning six continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://mystudyabroad.asu.edu/students/graduate-students (https://mystudyabroad.asu.edu/students/graduate-students)

Career Opportunities:
The Master of Business Administration includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions such as human resources, finance or marketing.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2019) states that employment for business managers is projected to grow between 4% and 11% between 2018 and 2028.

Career examples include:

  • CEO
  • finance manager
  • marketing manager
  • supply chain manager

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/mba-programs/online
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BASHANGMBA)

Online Degree Search Title: W. P. Carey MBA - Shanghai Program
Campus: Tempe

Program Description:
The business leaders emerging from the W. P. Carey MBA - Shanghai program can shape U.S.-Sino trade relationships during China's continued global expansion. This academic program is the cornerstone of a number of new offerings that include knowledge transfer and access to the highest level of decision-makers in China.

The W. P. Carey School of Business at Arizona State University is directly involved in the development of top leadership in China. In 2003, the Master of Business Administration program launched in Shanghai, China. The program is delivered in collaboration with Shanghai National Accounting Institute, an entity under the governance of China's Ministry of Finance.

This degree program is only offered in China.

Degree Requirements:
48 credit hours including the required capstone course (MGT 589).

The curriculum is based on the integration of core management principles with an immersion in accounting, finance, information management, supply chain management, service marketing, customer relation management and management of services innovation. At the core of the curriculum delivery is emphasis on the practical applications with direct business connectivity. The school prides itself on the curriculum's integration of global practices and local market characterizations, to enable participants' ability to excel in the modern economy.

In addition, the curriculum is designed with a strong transdisciplinary focus while achieving cycle-time efficiency. Each course is delivered in an intensive manner over two consecutive weekends, with four full days of face-to-face instruction supplemented by online instruction materials to enable learning interactions between faculty and participants.

All students must successfully complete the comprehensive requirement for the Master of Business Administration established by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00 on a scale of 4.00) or higher satisfy the comprehensive examination requirement. A thesis is not required.

Admission Requirements:
This degree program is only offered in China. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Career Opportunities:
The Master of Business Administration program in China includes the essential academic preparation for students who are interested in pursuing professional careers leading within organizations in diverse functions, such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact Information:
Business, W. P. Carey School of
WPC Graduate Programs
https://wpcarey.asu.edu/international-programs/china/english/emba/overview
BA 323D
chinaemba@asu.edu

480-965-1422

Design and the Arts, Herberger Institute for

Architecture, MArch (ARARCMARCH)

Online Degree Search Title: Architecture, MArch
Campus: Tempe, Online

Program Description:
The MArch degree program is designed for students interested in:

- design and analysis of economically and ecologically sustainable built environments and communities
- design and construction of beautiful new spaces and buildings
- digital design and prototyping of innovative new building systems and technologies
- research and advocacy for new definitions of the expansive public role of architects in professional practice and broader civic dialogue

The Master of Architecture is an accredited professional degree program at ASU. The architecture program has been educating aspiring architects, as well as other professionals involved in the construction of cities and the broader built environment since the 1950s. The program has matured to include undergraduate and graduate degrees with a focus on designing for a sustainable and innovative future.

The curriculum has been designed specifically for students to be able to leverage other majors at ASU. Students can pursue concurrent options such as sustainability, real estate development, construction management, interior design, landscape architecture and many more.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Full-Time Program

Degree Requirements:
48 credit hours including the required capstone course (ARC 602).

Required Core (42 credit hours)
ARC 501 Advanced Architecture Studio I (6)
ARC 502 Advanced Architecture Studio II (6)
ARC 522 Advanced Architecture Technology I (3)
ARC 531 Advanced Architecture History (3)
ARC 532 Architectural Theory I (3)
ARC 541 Advanced Architecture Representation (3)
ARC 601 Advanced Architecture Studio III (6)
ARC 622 Advanced Architecture Technology II (3)
ARC 631 Architectural Theory II (3)
ARC 651 Architecture Research (3)
ARC 662 Architectural Practice (3)

Culminating Experience (6 credit hours)
ARC 602 Advanced Architectural Studio IV (6)

Additional Curriculum Information
The culminating experience course is a final design studio with a written component, taken under guidance of studio faculty and industry professionals.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a portfolio, letter of intent and contact information of two references submitted via SlideRoom (https://asudesign.slideroom.com (https://asudesign.slideroom.com))
- proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Admission Requirements to the Two-Year Pathway:
Applicants must have completed a four-year Bachelor of Science degree with a major in architectural studies or similar preprofessional degree in architecture. The undergraduate degree must be granted by an institution that is recognized by ASU and offers a National Architectural Accreditation Board-accredited degree program in architecture.

Admission Requirements to the Three-Year Pathway:
Applicants must have earned a baccalaureate or graduate degree in any field other than architectural studies.

Deficiency Coursework:
If a student is assigned any deficiency coursework by the academic unit upon admission depending on the undergraduate background, those courses must be completed with a grade of "B" or higher before completing the master's program required coursework.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-architecture/)

Career Opportunities:
Graduates of the architecture program often pursue careers as:

- architects
- building information modelling managers
- contractors
- developers
- energy modelers
- facilities managers
- film and media producers
- politicians or public servants
- professors

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu
CDN 162
designgrad@asu.edu
480-965-3536

Architecture (Energy Performance and Climate Responsive Architecture), MS (ARENERGYMS)

Online Degree Search Title: Architecture (Energy Perf/Climate Responsive Arch), MS
Campus: Tempe

Program Description:

The MS program in architecture with a concentration in energy performance and climate-responsive architecture educates students to become experts in energy-efficient building design and energy technology.

Courses in this concentration establish a basic core of knowledge of the principles of the natural energies available at the building boundary due to climate and site; thermal and optic behavior of building materials and components; passive and low-energy architectural systems for heating, cooling and lighting; and appropriate integration with mechanical systems. Additional courses are available to support advanced study and research in a variety of related specialties.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (ATE 593).

Required Core (21 credit hours)

Electives (3-6 credit hours)

Culminating Experience (3-6 credit hours)
ATE 593 Applied Project (3)
ATE 599 Thesis (6)

Additional Curriculum Information
The applied project option consists of six credit hours of electives and three credit hours of ATE 593. The thesis option consists of three credit hours of electives and six credit hours of ATE 599.

Students should see the academic unit for an approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in one of the professions or fields of study outlined below:

 • a five- or six-year National Architectural Accrediting Board-accredited professional degree in architecture (BArch or MArch)*
 • a four-year Bachelor of Science in landscape architecture or a master's degree in landscape architecture which must be granted by an institution that offers the Landscape Architectural Accreditation Board-accredited degree program in landscape architecture
 • an engineering degree (BS or MS) with a background in building sustainability issues**
 • a science degree (BS or MS) with a background in building sustainability issues

*Applicants should refer to the NAAB website for more information about the Bachelor of Architecture or Master of Architecture.
**Mechanical and civil engineering and construction majors are particularly suited for application to the BS or MS program in engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • official copy of GRE scores
 • portfolio; or, a writing sample from applicants who have a science background
 • statement of intent
 • contact information for two references
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Unofficial copies of GRE scores are not accepted. More information is available at the GRE website or at https://uoeee.asu.edu/testing (https://uoeee.asu.edu/testing).

The portfolio or writing sample, statement of intent, and contact information for three references must be submitted via Slideroom.

https://asudesign.slideroom.com (https://asudesign.slideroom.com/#/Login).

Admission to the program is selective. Admission to the program cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they need to go through the entire application process again during the year for which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting The Design School.

Applicants should see the program website for application deadlines and admission terms.

Career Opportunities:
Graduates of the Master of Science in architecture program often pursue the following careers:

- architect
- energy modeler
- sustainability consultant

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu/
CDN 162
designgrad@asu.edu
480-965-3536

Art, MFA (HIARTMFA)

Online Degree Search Title: Art, MFA
Campus: Tempe

Program Description:
The ASU School of Art's MFA program provides artists with both a formal and a conceptual foundation in contemporary art. Situated in the context of a public research university renowned for innovation, students work closely with distinguished art faculty to develop the skills to produce culturally relevant work and sustain a lifelong creative practice. Students are encouraged to work across disciplines and also select a focus from a range of media including animation, ceramics, intermedia, metals, painting and drawing, photography, printmaking, sculpture, textiles and woods.

In addition to the expansive curriculum, students benefit from a visiting artist and scholar lecture series, professionalization workshops, teaching opportunities and pedagogical training. Students also supplement their arts curriculum by taking advantage of the vast resources afforded by a Research 1 university, engaging with world-renowned researchers or taking courses in a variety of departments. The ASU Art Museum offers vital opportunities for students to learn from and connect with artists and curators.

Graduate students are provided world class studio space at Grant Street Studios (https://art.asu.edu/galleries-and-facilities/grant-street-studios (https://art.asu.edu/galleries-and-facilities/grant-street-studios)) located in the cultural hub of downtown Phoenix. This facility is also home to two galleries and enhanced resources, including a common wood shop, printmaking presses, photography darkroom, ceramics kilns, computer lab and 3D print lab. Students also have access to the vibrant community of museums, galleries, businesses, and cultural organizations in Phoenix as well as in nearby Los Angeles, Santa Fe and Denver.

The Master of Fine Arts program culminates in a solo thesis exhibition in one of the School of Art's galleries (Step Gallery, Northlight Gallery, or Harry Wood Gallery). In addition to being one of few tuition funded three-year Master of Fine Arts programs nationally, students also benefit from various funding opportunities including teaching assistantships as well as scholarships and awards supporting student travel and research. Special initiatives in the School of Art add dynamic opportunities for the professionalization, collaboration and immersive learning essential to being an artist in the 21st century.

Degree Requirements:
60 credit hours and an oral comprehensive exam (defense of MFA exhibition).

The 60 hours of graduate credit are subject to committee approval and must include:

ART 680 Practicum, resulting in an MFA exhibition (10-15 credit hours)
graduate studio (18-27 credit hours)
graduate-level academic coursework (at least 6 credit hours)
graduate-level ART seminars (9-18 credit hours)

required courses in contemporary art theory (3) and cross-practice critique (3) (6 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 ="A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- current resume or curriculum vitae
- portfolio
- statement of intent
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted into both the MFA program and to the Graduate College.

The portfolio should be 20 images, sized with a maximum dimension of 1024 pixels; video files less than 60MB each; and accompanied by an image list and the statement of intent (this is not to exceed 1,000 words) that addresses the applicant's artistic interests, reasons for applying to graduate school in general and the ASU School of Art in particular as well as professional goals.

The three letters of recommendation should be from faculty members with whom the applicant has studied or from recognized professionals in the field. All the instructions for letters of recommendation must be followed when submitting them with the application to the Graduate College.

The method for submitting the resume or vitae, portfolio, statement of intent and letters of recommendation is online via SLIDEROOM: https://asuherberger.slideroom.com/#/Login (https://asuherberger.slideroom.com/#/Login). Applicants may upload images (.jpg), video (.mov, .wmv, .flv), music (mp3) or PDF documents.

Applicants should see the program website for application deadlines.

Career Opportunities:

Master of Fine Arts degree holders have the credentials necessary for teaching courses in their discipline at colleges and universities as well as entering the art market, working in art administration or other competitive creative fields. Graduates of this program also go on to start their own galleries or small businesses, exhibit at notable institutions, and are awarded prestigious grant and residency opportunities.

Contact Information:

Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-mfa-mfa
ART 102
SOAGradCoordinator@exchange.asu.edu
480-965-8521

Art (Art Education), MA (FAARTEDMA)

Online Degree Search Title: Art Education, MA
Campus: Tempe

Program Description:

Students in the MA program in art with a concentration in art education investigate issues in art teaching and learning from multiple perspectives, including art inquiry, curriculum theory, spatial design, studio practice, visual culture, social intervention, human development and cultural context.

The culminating experience may be conducted in a range of contexts where art learning takes place, such as in K-12 art classrooms, art centers and museums, public settings, university studios or in a teacher's own classroom.

Degree Requirements:
30 credit hours, a thesis and a written comprehensive exam (qualifying research proposal).

Required Core (18 credit hours)
ARE 510 Visual Culture Research (3)
ARE 520 Issues in Teaching Inquiry in Art (3)
ARE 525 Research on Art Instruction (3)
ARE 530 Issues in Teaching Studio Art (3)
ARE 535 Research on Teaching Studio Art (3)
ARE 540 Teaching Art in Cultural Contexts (3)

Other Requirements (6 credit hours)
special topics on research related to integrating the teaching of studio art, art history and criticism or aesthetics (6)

Culminating Experience (6 credit hours)
thesis (6)

Additional Curriculum Information
Before the end of the first semester of coursework (six or more credit hours), a plan of study must be submitted to the Graduate College. Additional program requirements are indicated in the guidelines for the master's degree in art education.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants should submit:
- graduate admission application and application fee
- official transcripts
- a formal art education research paper for review
- resume
- statement of intent
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must have a bachelor's degree from a regionally accredited college or university with a major of no fewer than 45 credit hours of art, including 12 credit hours of art history and six credit hours of art education. Additional hours may be required by the school.

Applicants must have a GPA of at least 3.00 (scale is 4.00 = "A") in undergraduate coursework during the junior and senior years. Applicants who do not meet these requirements must submit scores from the MAT or the GRE.

The resume should demonstrate how professional experience will help the student succeed in this program.

Applicants should see the program website for application deadlines.

Career Opportunities:
Graduates may earn an increased salary in some districts, have the potential to become a district art administrator, are prepared for doctoral study, and are qualified to be a museum or community art educator.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-education?dept=160343&id=1

ART 102
SOAGradCoordinator@asu.edu
480-965-8521

Art (Art History), MA (FAARTHISMA)

Online Degree Search Title: Art History, MA
Campus: Tempe

Program Description:
The MA in art with a concentration in art history is a comprehensive degree program designed to train students to engage with visuality in multiple ways.

A diverse curriculum fosters critical understanding of aesthetics, production, patronage and consumption of art. Nine internationally recognized faculty members offer classes covering many cultures, time periods and geographies, using multiple approaches and methodologies. The program stresses intersections between disciplines, borders, margins, points of mediation and technological developments throughout history and offers focused study in the areas of images and digital technologies, art in social and political contexts, and the histories and theories of visual culture.

Degree Requirements:
30 credit hours, a thesis and a foreign language exam.

Required Core (3 credit hours)
ARS 501 Methodologies and Art History (3)

Focus Area Coursework (12 credit hours)
seminars (12)

Electives (6 credit hours)

Research (3 credit hours)
ARS 592 Research (3)

Culminating Experience (6 credit hours)
ARS 599 Thesis (6)

Additional Curriculum Information
This program must include a minimum of 24 credit hours in art history, with at least 12 of these earned in 500-level seminars.

Four courses in the areas shown below are required, with two of these courses outside the geographical area of specialization:

- ancient
- Asian
- contemporary
- global
- Latin American
- Medieval
- modern
- pre-Columbian
- Renaissance

For elective coursework, students may choose to take either 500-level courses in art history or related areas, such as in anthropology, history, museum studies, religion or up to six credit hours of the following omnibus courses:

ARS 584 Internship
ARS 590 Reading and Conference
ARS 592 Research

Students must have reading knowledge of one research language in addition to English. The selected language needs to be appropriate for the area of research concentration and must be approved by the faculty mentor. This requirement can be met by taking a language for reading knowledge course in the School of International Letters and Cultures with a grade of "B" or better or by passing the Graduate Foreign Language Examination offered by SILC, which requires a fee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. In addition, applicants must have an undergraduate major or minor in art history or at least four upper-division art history courses in which a GPA of 3.00 or higher was maintained.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation.
- one formal research paper for review
- statement of intent
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should be one-page and indicate the objectives for graduate study.

Students should see the program website for application deadlines and admission terms.

Career Opportunities:
A graduate degree is necessary for many professional positions. A Master of Arts in art history or museum studies prepares individuals for the following:

- enhancing one's own practice as an artist
- gaining entry into museums, archives, historical societies, auction houses, publishing companies and academic presses, as well as to art libraries.

- practicing and publishing as an art critic or writer
- teaching at the community college level

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
ART 102
SOAGradCoordinator@asu.edu
480-965-8521

Art (Digital Technology), MFA (FADIGITMFA)
Online Degree Search Title: Art (Digital Technology), MFA
Campus: Tempe

Program Description:
The MFA program in art with a concentration in digital technology combines technological and artistic goals and is designed for students with skills and experience in both realms.

The program is offered by the School of Art in collaboration with the School of Arts, Media and Engineering. The School of Art offers graduate-level courses in digital audio, video, photography, printing, compositing, interactive sculpture and rapid prototyping. Graduate courses offered by the School of Arts, Media and Engineering focus on topics such as interactive media methodology and theory, sensing and understanding activity, perception and cognition for artists and designers, advanced programming, interaction design for media installations, and digital and physical fabrication.

Prospective students should demonstrate accomplishments in art and technology, particularly in having developed new digital technology for the arts.

Degree Requirements:

60 credit hours and an oral comprehensive exam.

Graduate credit is subject to committee approval and includes:

36 graduate studio credit hours in the major areas of concentration of which 18 credit hours are ART studio classes and 18 credit hours are graduate-level courses in the School of Arts, Media and Engineering
6 credit hours of ART 621 Seminar
6 credit hours of graduate-level art history
6 credit hours of ART 680 Practicum and 6 credit hours of AME 593 Applied Project, leading either to a final exhibition or an applied project

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • an art and digital technology resume
 • current resume or curriculum vitae
 • portfolio
 • statement of intent
 • statement and evidence of work demonstrating digital technology skills beyond end user applications
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency via a TOEFL score.
https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted into the Master of Fine Arts program and to the Graduate College.

The portfolio must be of 20 images sized with maximum dimension of 1024 pixels; video files of less than 60 MB each; and an image list that accompanies the portfolio. The method for submission for the portfolio is online via SLIDEROOM: https://asuherberger.slideroom.com (https://asuherberger.slideroom.com). Applicants may upload images (.jpg), video (.mov, .wmv, .fly), music (.mp3) or PDF documents.

The statement of intent should not exceed 1,000 words and should address the applicant's artistic interests, reasons for applying to graduate school in general and the ASU School of Art in particular and the applicant's professional goals.

The letters of recommendation should be from faculty members with whom the applicant has studied or from recognized professionals in the field. All instructions for the letters of recommendation must be followed when submitting the application to the Graduate College.

Applicants should see the program website for application deadlines.

Career Opportunities:
Master of Fine Arts degree holders have the credentials necessary for teaching courses in their discipline at colleges and universities. They also are fully prepared to enter the art market or art administration or to work in other competitive creative fields. Graduates of this program also go on to start their own galleries or small businesses, exhibit at notable institutions, and are awarded prestigious grant and residency opportunities. Graduates who concentrated in digital technology are also engaged as technology consultants, freelance artists and technologists, and they join a variety of art and technology collaborations.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu
ART 102
SOAGradCoordinator@asu.edu

480-965-8521

Community-Engaged Practices in Design and the Arts (Certificate), Certificate (HISEPGRCT)

Online Degree Search Title: Community-Engaged Practices in Design and the Arts (Graduate Certificate)
Campus: Tempe

Program Description:
This certificate program in community engaged design and the arts places designers, artists, scholars and educators in public life and prepares students to use their creative capacities to advance culture, strengthen democracy and imaginatively address today's most pressing challenges.

This certificate is an integrated, community-engaged design and arts program serving all Herberger Institute students as the larger ASU community. Participants engage in direct and ethical partnership and collaboration with communities, civic and industry partners to learn and practice programming that activates partner goals and facilitates experiential learning and creation.

Degree Requirements:
15 credit hours including the required applied project course (ART 593 or AME 593 or DCE 593, or DCE 693, or DSC 593 or DSC 693, or MUP 593 or MUP 693, or THP 593 or THP 693).

Required Core (6 credit hours)
ART 542 Art and Community (3) or THP 514 Projects in Community-Based Theatre (3)
HDA 510 Design and the Arts Corps Seminar (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
Applied Project (3)

Additional Curriculum Information
The applied project is a 593 course in AME, DCE, DSC, MUP, THP or a 693 course in DCE, DSC, MUP or THP.

Students should see the academic unit for appropriate elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• written recommendation or nomination letter
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students must maintain a 3.50 GPA in the certificate program.

Admission examinations are not required.

Career Opportunities:

This certificate program allows students to develop unique pathways that also earn micro-credentials across a broad range of competencies including:

- asset-based community cultural development
- ethical communication
- ethics
- group facilitation
- project management
- project structuring and evaluation

Contact Information:

Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://herbergerinstitute.asu.edu/national-collaborative/design-and-arts-corps?dept=1400&id=1
GHALL 132
HerbergerAdmissions@asu.edu
480-965-5337

Composition, MM (FAMCOMPMM)

Online Degree Search Title: Music Composition, MM
Campus: Tempe

Program Description:

The MM program in composition focuses on the development of skills required for a career in music composition.

Composers learn through experiential opportunities, including composing for fellow student performers leading to performances of their works in venues on campus and off. Project-based experiences include working with the Visiting Quartet Residency program and creating new works for student string quartets.

Students develop advanced skills such as orchestration, electronic studio techniques, film and video scoring, and jazz composition in the degree program. Collaboration with music scholars, theorists, performers, educators and other composers under the guidance of renowned composition faculty provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements:

32 credit hours, a thesis and a written comprehensive exam, or 32 credit hours, a thesis, a written comprehensive exam, and an oral comprehensive exam, or 32 hours including a written comprehensvie exam and an applied project (MTC 593), or 32 hours including a written comprehensvie exam, an oral comprehensive exam, and an applied project (MTC 593).

The credit hour requirements for the degree are distributed as follows:

composition (9 credit hours)
electives (8 credit hours)
music theory and music history (9 credit hours)
thesis or applied project (6 credit hours)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Additional information about degree requirements for all graduate music programs may be found on the check sheets at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program.

All applicants must submit:
- graduate admission application and application fee
- School of Music, Dance and Theatre application (including a resume and personal statement):
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
- official transcripts
- prescreening portfolio
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students must have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music may wish to take foundational courses in music theory and history as recommended by their advisor.

Applicants should see the program website for application deadlines. After receipt of complete application materials, including recommendation letters, transcripts and English proficiency, and review of prescreening materials, an applicant may be invited for an interview. Information on the interview may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

Career Opportunities:
The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- arts administrator
- community arts advocate
- composer for film, video games, or television
- performing musician
- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-composition-mm
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Composition (Interdisciplinary Digital Media), MM (FADIGITMM)

Online Degree Search Title: Composition (Interdisciplinary Digital Media), MM
Campus: Tempe

Program Description:
The MM program in composition with a concentration in interdisciplinary digital media is designed for students who have interests and skills in unique cross sections of the arts and sciences.

The degree program expands the School of Music, Dance and Theatre offerings to include areas beyond typical music coursework, allowing additional opportunities for transdisciplinary study and collaboration across the Herberger Institute and beyond. It also allows the School of Music,

Dance and Theatre and its students to be actively involved in current developments in the ever-changing field of media.

The state-of-the-art media facilities of the School of Arts, Media and Engineering and its hybrid arts-engineering faculty and courses are invaluable assets to music students, with resources that complement existing and future courses in electronic music.

Degree Requirements:
32 credit hours including a written comprehensive exam and an applied project (MTC 593), or 32 credit hours including a written comprehensive exam, an oral comprehensive exam, and an applied project (MTC 593), or 32 credit hours, a thesis and a written comprehensive exam, or 32 credit hours, a thesis, a written comprehensive exam and an oral comprehensive exam.

Required Core (6 credit hours)
MTC 523 Advanced Composition (6)

Concentration (18 credit hours)
Arts, Media and Engineering coursework (9)
Music Theory and Music History (9)

Electives (2 credit hours)

Culminating Experience (6 credit hours)
AME or MTC 599 Thesis (6) or
MTC 593 Applied Project (6 credit hours)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

Additional information on degree requirements for all graduate music programs may be found on the check sheets at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country and officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
   • School of Music, Dance and Theatre application, including a resume and personal statement: https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
   • official transcripts
   • prescreening portfolio
   • three letters of recommendation
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music may wish to take foundational courses in music theory and history as recommended by their advisor.

Students should see the program website for application deadlines. After the School of Music, Dance and Theatre receives the complete application (this includes recommendation letters, transcripts and English proficiency requirements) and it is reviewed by the department, the applicant may be

invited for an interview. Information about the interview may be found at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Career Opportunities:
The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- arts administrator
- community arts advocate
- composer for film, video games or television
- performing musician
- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/composition-interdisciplinary-digital-media-mm
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Creative Enterprise and Cultural Leadership, MA (HICECLMA)

Online Degree Search Title: Creative Enterprise and Cultural Leadership, MA
Campus: Tempe

Program Description:
Creative enterprise and cultural leadership students are changemakers and innovators working toward more just and sustainable futures that connect art and design to society. The program has a particular emphasis on impact and place, looking at how art practice intersects with the social, political, economic and other structures that shape communities. This cross-disciplinary, collaborative program merges theory and practice in arts management, civic practice, creative placemaking, leadership and the management of innovation in the expanded creative fields.

The MA program in creative enterprise and cultural leadership offers classes that mix theory and practice through applied learning in collaboration with a range of community, nonprofit, business and public sector partners. Local and national leaders engage with students in classes, site visits and collaborative projects. The program culminates with a capstone applied project that can take the form of research or the launch of a new project. In addition to core classes, students select additional focused coursework to advance their own professional goals and interests. The program offers several areas of curricular emphasis including creative placemaking and placekeeping, civic practice, cross-sector work and new business models.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Art (Art History), BA
Art (Museum Studies), BA
Arts (BA in the Arts), BA
Digital Culture, BA
Environmental Design, BS
Film (Film and Media Production), BA
Film (Filmmaking Practices), BA
Music, BA
Theatre, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic

departments to apply.

Degree Requirements:
30 credit hours including a written comprehensive exam and the applied project course (HDA 593).

Required Core (10 credit hours)
HDA 511 Purpose, Collaboration and Accountability (3)
HDA 512 Proposal Development (1)
HDA 513 Applied Creative Research and Evaluation Methods (3)
HDA 514 Creativity and Impact, Opportunities for Change (3)

Electives (3 credit hours)

Focus Area Coursework (9 credit hours)

Other Requirements (2 credit hour)
HDA 583 Fieldwork (2)

Culminating Experience (6 credit hours)
HDA 593 Applied Project (6)

Additional Curriculum Information
For electives, students may choose from a list of approved courses or choose their own with advisor approval.

For focus area coursework, students select three classes from a curated list of options that intersect with the Master of Arts in creative enterprise and cultural leadership's core themes of art, place and impact to create their own emphasis.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in an arts, design, business, public policy or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • letters of recommendation
  • letter of intent
  • professional resume
  • example of academic or professional work
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of intent must outline the applicant's reasons for choosing to pursue a Master of Arts in creative enterprise and cultural leadership and outline how their unique background and abilities make them a suitable candidate.

Applicants are required to submit an example of academic or professional work that demonstrates, within a maximum of 30 pages, the ability and potential to be successful in the program. Following are examples of appropriate submissions:

  • business plan for a new or existing enterprise
  • critical essay from previous academic work
  • critical essay for professional audiences
  • curatorial materials
  • marketing materials designed or written by applicant
  • material produced for professional creative practice
  • other professional or technical writing relevant to the creative industries

An online interview may be held for applicants who reach the finalist stage of consideration for admission.

Career Opportunities:

Using arts and design-based methods to advance a spectrum of enterprises, graduates are equipped to pursue positions such as:

- arts managers
- cultural producers
- civic leaders
- cultural entrepreneurs and business leaders

Contact Information:

Design and the Arts, Herberger Institute for

Dean, Herberger Institute for Design and the Arts

https://herbergerinstitute.asu.edu/degree-programs/creative-enterprise-and-cultural-leadership/about?dept=1400&id=1

GHALL 155

herbergeradmissions@asu.edu

480-965-2458

Dance, MFA (FADANCEMFA)

Online Degree Search Title: Dance, MFA
Campus: Tempe

Program Description:

The ASU MFA program in dance is normally accomplished during three years of residency.

The dance program welcomes a diversity of applicants, including returning professionals, who have experience and interest in choreography, dance science and somatics, dance teaching praxis, dance and technology, community engagement, practices of equity and inclusion, professional partnerships and dance scholarship and theory. Students whose approaches are interdisciplinary, cross-cultural in nature, and who are self-motivated, have clear and demonstrated objectives, and are willing to explore new possibilities in the field of dance and beyond are ideal for this program.

This program encourages in-depth study in a range of dance practices and related fields.

Each graduate student will develop their potential as a creator, performer, teacher, thinker and art advocate. Frequent showings, a final Master of Fine Arts project, a written document and oral defense are required for degree completion.

Degree Requirements:

60 credit hours and a portfolio.

Students in the Master of Fine Arts program in dance take coursework in dance and related fields that have been designed to provide a broad and fundamental preparation for future careers. Opportunities on and off campus further develop the knowledge and skills students need to become leaders in the dance community through teaching, performing, creating, engaging in scholarship, and arts advocacy.

The Master of Fine Arts applied project in dance serves as the culminating experience in the graduate dance curriculum. The applied project takes into consideration the future goals of the student and serves as a bridge to careers beyond graduate school.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- teaching sample
- recent creative works
- current resume

- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants should thoroughly review the application materials and deadlines on this website: https://musicdancetheatre.asu.edu/admissions/dance/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/dance/graduate-steps-to-apply).

Global Opportunities:

Global Experience:

Graduates with an Master Fine Arts in dance are successful securing employment at diverse international venues and events, and working abroad as dance artists and educators. These opportunities might include teaching abroad at a university, professional training program, or dance festival; choreographing for community or professional organizations, performing with a dance company, or working as an independent artist. A number of full- and part-time employment opportunities exist in the U.K., Scandinavia, South America and beyond.

Career Opportunities:

Dance artists and educators who complete the Master of Fine Arts program in dance are prepared to work in a variety of settings and industries including higher education dance programs, commercial dance venues, community dance and wellness programs, professional dance companies and stage production settings.

Career examples include:

- choreographer
- community engagement and social activist artist
- dance researcher, scholar or reviewer
- dance works curator
- performing artist
- performing arts program developer
- social engagement practitioner
- somatics educator
- teaching artist
- university dance educator

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/
GHALL 212
MDTAdmissions@asu.edu
480-965-4206

Dance (Interdisciplinary Digital Media and Performance), MFA (FADANDIMFA)

Online Degree Search Title: Dance (Interdisciplinary Digital Media and Perform.), MFA
Campus: Tempe

Program Description:

The MFA program in dance with a concentration in interdisciplinary digital media and performance builds on the strength of the School of Music, Dance and Theatre and expands into the specific area of new media practices.

The concentration provides a select group of graduate students a rigorous, in-depth opportunity to specialize in dance as well as transdisciplinary digital arts. The degree is normally accomplished within three years of residency. The interdisciplinary classes and research activities of the transdisciplinary School of Arts, Media and Engineering that are part of this concentration give students access to advanced media equipment, studios, project funding and interdisciplinary collaborators.

The program welcomes a diversity of students, including returning professionals, who have experience or interest in choreography, dance science and somatics, dance teaching praxis, dance and technology, community engagement, practices of equity and inclusion, professional partnerships, and dance scholarship and theory. Students whose approaches are interdisciplinary and cross-cultural in nature, and who are self-motivated, have clear and demonstrated objectives, and are willing to explore new possibilities in the field of dance and beyond are ideal for this program.

Each graduate student will develop their potential as a creator, performer, teacher, thinker and art advocate. Frequent showings, a final Master of Fine Arts (IDMP focused) project, a written document and oral defense are required for degree completion.

Degree Requirements:
60 credit hours and a portfolio.

The degree program involves three years of residency:

a final Master of Fine Arts applied project (8 credit hours)
a written document
an oral defense
required coursework in the concentration taught by AME (18 credit hours)
electives (15 credit hours)
required courses in the School of Dance (19 credit hours)
ongoing showings of work

The current Master of Fine Arts program is normally accomplished during three years of residency in the School of Music, Dance and Theatre. Ongoing showings of creative work are required. Foundational coursework is offered in areas of creative practice, movement practices, pedagogy, professional development, technology and theory.

Students enrolled in the program specialize in areas related to independent research. The Master of Fine Arts applied project, which may involve producing original choreography, presenting a lecture demonstration on a body of research or another form of original work, acts as the culminating experience of the program. Completing the process are a presentation, a final written document, reflective in nature, as well as an oral defense.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • teaching sample
  • recent creative work
  • current resume
  • letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants should thoroughly review the application materials and deadlines on this website:
https://musicdancetheatre.asu.edu/admissions/dance/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/dance/graduate-steps-to-apply).

Global Opportunities:
Global Experience:
Dance interdisciplinary media artists have a wide ranging opportunities to work internationally as independent multimedia artists and performers, as well as digital media consultants and specialists. In addition to working in traditional performance spaces and venues, dance media artists are finding employment opportunities in rapidly evolving global digital performance and entertainment spaces.

Career Opportunities:
Dance artists, educators and media specialists who complete the Master of Fine Arts program in dance with an emphasis in interdisciplinary digital media and performance are prepared to work in a variety of settings and industries, including higher education dance, digital media and arts programs, commercial dance venues, media production companies, community arts organizations, and dance production and performance settings.

Career examples include:

- choreographer
- community engagement and social activist artist
- dance filmmaker
- dance lighting and sound designer
- dance technology specialist
- interactive performance artist
- intermedia specialist
- performing artist
- stage production and design specialist
- teaching artist

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/
GHALL 212
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Dance Teaching Artist Praxis (Certificate), Certificate (HIDTAPGRCT)

Online Degree Search Title: Dance Teaching Artist Praxis (Graduate Certificate)
Campus: Tempe

Program Description:
This program equips students with the practical and theoretical knowledge, skills and credentials that deepen their understanding of dance pedagogy. Students receive a mix of studio-based courses, seminar and experiential learning in order to fully explore and scaffold appropriate teaching practices for dancers of any age and skill level.

Students completing the dance teaching artist praxis certificate fulfill the coursework requirements they need in order to obtain a Provisional Arts Education, preK-12 certificate in dance from the Arizona Department of Education. They also gain the qualifications and credentials required for developing and teaching university teacher preparation courses and training programs as well as the skills and perspectives necessary for working effectively as a teaching artist in diverse sociocultural and learning contexts.

Degree Requirements:
28 credit hours and a portfolio.

Required Core (28 credit hours)
DCE 530 Somatic Movement Inquiry I (3)
DCE 531 Somatic Movement Inquiry II (3)
DCE 554 Teaching Praxis I: Postsecondary Teaching Philosophies, Foundations and Practices (3)
DCE 654 Teaching Praxis II: Theories, Contexts, Populations, Psychomotor Development and Curriculum Design (3)
DCE 656 Teaching Praxis III: Secondary Practices and Teacher Preparation Course Development/Implementation (4)
SED 578 Residency/Student Teaching in Secondary Education (12)

Additional Curriculum Information
Students must submit the written portfolio culminating experience in the last semester of enrollment in the certificate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a minimum of a master's degree in dance or a related field from a regionally accredited college or university, or have successfully completed their first semester of the Arizona State University MFA degree program in dance.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program or in the ASU Master of Fine Arts program in dance at the time of their application submission.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants who are currently enrolled ASU students are not required to submit letters of recommendation.

Global Opportunities:
Global Experience:
Dance teaching artists are successful in securing employment in diverse international venues and events, working abroad as resident dance teaching artists, and as dance educators and performers. A number of employment opportunities for teaching artists exist in the Untied Kingdom, Scandinavia, South America, and beyond.

Career Opportunities:
Dance artists and educators who complete a dance teaching praxis graduate certificate are prepared and credentialed to work as dance teaching artists, K-12 dance educators, higher education dance professors specializing in teacher preparation, and dance pedagogy scholars. Graduates can work across a number of sectors, including public and private K-12 schools, higher education institutions, local, national and international dance communities and organizations, and dance studio settings.

Career examples include:

- community arts facilitator
- community engagement and social activist artist
- dance education researcher or scholar
- dance studio owner
- K-12 dance educator
- K-12 performing arts administrator
- performing arts curriculum and program developer
- social engagement practitioner
- somatics educator
- teaching artist
- university dance professor and teacher preparation specialist
- wellness instructor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Design (Design of Healthcare and Healing Environments), MSD (ARHHEMSD)

Online Degree Search Title: Healthcare and Healing Environments, MSD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MSD program with a concentration in design of health care and healing environments is focused on the science and experiences behind the built environment's real and perceived impacts on health and wellness. To this end, the program emphasizes the intersection and integration of evidence-based research and practice, transdisciplinary studies, best practices, and innovation in supporting and advancing the design of healthy environments, products and processes. Students explore and synthesize principles from a variety of disciplines that include innovation, architecture, design, communication, human behavior, policy, quality and performance improvement, among others, to arrive at a thorough understanding of the critical issues facing the health care industry.

Students in this concentration have opportunities to:

- be mentored by local health care design consultants
- communicate with forward-thinking health care research centers
- engage directly with real clients
- interact with prominent health care organizations
- participate in industry conferences
- team with nursing and health innovation faculty and students

Degree Requirements:
36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete the graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- contact information for three references
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based). Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

When applying for admission, applicants must declare one of seven concentrations:

- arts, media and engineering
- design of health care and healing environments
- industrial design
- interaction design
- interior design
- new product innovation
- visual communication design

The portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (https://asuherberger.slideroom.com/#/Login (https://asuherberger.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to Graduate Admission Services application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Teaching or Research Assistantships
Applicants wishing to be considered for teaching or research assistantships should submit an additional statement outlining areas in which they feel competent to serve as a teaching or research assistant. All interested applicants can apply for a teaching assistantship position online. The link to the application is provided on the MSD website.

All international teaching or graduate assistants whose primary language is not English are required to be certified in their English language abilities. Those individuals whose native language is not English will be required to submit a Speaking Proficiency English Assessment Kit score, which is administered at ASU. Students also have the option of completing the Test of Spoken English, administered directly by the Educational Testing Service. For this group, no personnel action form will be signed until this examination has been successfully completed.

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Design (Experience Design), MSD (HIDEDMSD)
Online Degree Search Title: Design (Experience Design), MSD
Campus: Tempe, ASU@Mesa City Center

Program Description:
The MSD program with a concentration in experience design focuses on design practices for virtual experiences in extended reality technologies, including environmental design, programmatic in both real and virtual universes, rapid prototyping, storytelling and worldbuilding. This program is unique among emerging media programs, with the application of these technologies and practices in socially engaged and transdisciplinary modalities, taking tools that evolved primarily from and for entertainment and applying them to the modeling of real-world challenges and futures.

Students develop human-centered design methods to improve user experience using theories and concepts from cognition and psychology, in addition to developing the ability to manage projects, work effectively in teams, and transform research into creative and technological products.

Degree Requirements:
36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Required Core (3 credit hours)
DSC 501 Qualitative Research in Design (3)

Concentration (9 credit hours)
DSC 550 Prototyping Futures (3)
DSC 551 Immersive Experience Design I (3)
HDA 581 Emerging Media Colloquium (3)

Research Methods (3 credit hours)
DSC 500 Research Methods (3)

Electives (11 credit hours)

Other Requirements (4 credit hours)
DSC 584 Internship (4)
DSC 590 Reading and Conference (4)
DSC 592 Research (4)
HDA 580 Practicum (4)

Culminating Experience (6 credit hours)
DSC 593 Applied Project (6) or
DSC 599 Thesis (6)

Additional Curriculum Information

For other requirements, students must complete a minimum of 4 credit hours of faculty-led research (DSC 592), individualized instruction (DSC 590), the design and implementation of public programs (HDA 580), or an internship (DSC 584).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in design and media arts or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • portfolio
 • letter of intent
 • resume
 • contact information of two references
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students are required to submit proof of English proficiency through either the TOEFL or the IELTS if their native language is not English. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The portfolio, letter of intent, resume and contact information of two references must be submitted via Slideroom (https://asudesign.slideroom.com (https://asudesign.slideroom.com)). The Design School requires that these be submitted in addition to the graduate application requirements.

Admission to the program is selective. Students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

Career Opportunities:
Graduates of this program are well prepared for careers in a variety of fields related to the application of immersive experience design and extended reality technologies and practices.

Virtual and augmented reality have obvious and popular applications in entertainment, gaming, workforce development and research, but alumni of this program also had direct experience with the application of these tools to other areas that can expand their available pathways: architecture, interior design, urban planning, health care and education, among others. They are ideally suited for the rapidly changing climate of this field.

Career opportunities include:

 • architects and interior designers
 • experience designers
 • film and video editors
 • graphic designers
 • mobile developers
 • software developers
 • 3D modelers and visualizers
 • web developers

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Design (Industrial Design), MSD (ARINDDEMSD)

Online Degree Search Title: Industrial Design, MSD
Campus: Tempe

Program Description:
The MSD program in industrial design is meant for individuals interested in advanced studies in:

- criticism and methodology
- design processes
- history
- human factors
- technology
- theory

This program helps students develop an understanding of contemporary design issues and develop skills by conducting specialized research. It also prepares the graduate student for a career in industrial design education.

This is a research-based degree. Students interested in a studio-based program should refer to the Master of Industrial Design.

Degree Requirements:
36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete their graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- resume
- contact information of two references
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS.

Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

When applying for admission, applicants must declare one of the concentrations.

The portfolio, letter of intent, resume and contact information of two references must be submitted via Slideroom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to the graduate application requirements.

GRE scores are not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Career Opportunities:
Graduates work for global design consultancies, corporate design teams, universities, research institutes and manufacturing companies.

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Design (Interior Design), MSD (ARINTDEMSD)

Online Degree Search Title: Interior Design, MSD
Campus: Tempe

Program Description:
The MSD in interior design is a research program that allows students to deeply investigate how people use and interact with various interior environments, and it can be completed in as little as two years.

The program encourages the exploration of creativity, innovation and critical thinking while acknowledging the importance of cultural and historical precedent. This program helps students develop an understanding of contemporary interior design issues through specialized research and design skills.

Degree Requirements:
36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete their graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to creatively apply research to a design situation.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- resume
- contact information of two references
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS.

Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

When applying for admission, applicants must declare one of the concentrations.

The portfolio, letter of intent, resume and contact information of two references must be submitted via Slideroom (https://asudesign.slideroom.com (https://asudesign.slideroom.com/)). The Design School requires that these be submitted in addition to the graduate application requirements.

GRE scores are not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Career Opportunities:
Graduates from this program can expect to go into interior design research or higher education instruction; the program is also good preparation for entry into doctoral programs.

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Design (Visual Communication Design), MSD (ARVCDMSD)

Online Degree Search Title: Design (Visual Communication Design), MSD
Campus: Tempe

Program Description:
The MSD with a concentration in visual communication design is a degree program meant for individuals interested in advanced studies in visual language, history, theory, criticism and methodology, design processes and technology.

Through a specialized research and design skills curriculum, students develops an understanding of contemporary graphic design issues.

Degree Requirements:
36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete their graduate work by way of a thesis or an applied project.

A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing.

The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- portfolio
- letter of intent
- resume
- contact information for two references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students are required to submit proof of English Proficiency through either the TOEFL or the IELTS if their native language is not English. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

When applying for admission, applicants must declare a concentration. Students should see the department website for an approved list of graduate programs.

The portfolio, letter of intent, resume and contact information of two references must be submitted via Slideroom (https://asudesign.slideroom.com (https://asudesign.slideroom.com)). The Design School requires that these be submitted in addition to the graduate application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

GRE scores are not required.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Career Opportunities:

This program prepares the graduate student for a career in graphic design education or advanced design professions.

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Design, Environment and the Arts, PHD (HIDEAPHD)

Online Degree Search Title: Design, Environment and the Arts, PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD in design, environment and the arts is an individualized, institute-wide, transdisciplinary degree program that integrates graduate courses and faculty research with expertise in design; health care and healing environments; history, theory and criticism; and digital culture in design.

Broad in scope, the program is at the cutting edge of creating new knowledge in architecture, design and the arts. It complements transdisciplinary research in other disciplines within the university. The program provides research experience for students wishing to pursue careers in industry as members of interdisciplinary design teams on environmental and energy issues as well as for those wishing to teach in the architecture, design or the arts fields.

Applicants should apply to the concentration appropriate to their area of research interest as applications to the stand-alone degree program are not being accepted at this time.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being

admitted to the program. Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 credit hours plus the remaining 30 credit hours must be completed after admission to the program. No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program.

The student is required to take 15 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the area of focus; a minimum of six credit hours in current research and research methods is required.

Each student entering the program is required to submit a plan of study during the first year.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in the field of architecture, graphic design, industrial design, interior design, landscape architecture, or fine arts from a regionally accredited institution. Students must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • three letters of recommendation
  • a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
  • an indication of proposed area of concentration (design; history, theory and criticism; digital culture in design; or health care and healing environments)
  • an indication of a potential mentor
  • a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 iBT or 600 PBT or an overall IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU, and become certified. Additional information is available on the department website.

Students are admitted to the program only upon completion of a degree in architecture, graphic design, industrial design, interior design, landscape architecture or fine arts, or upon the demonstration of equivalent standing. Applicants must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Students are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The letters of recommendation preferably would be academic, although they could be professional. Applicants must provide the names and contact information of three recommenders at the time of their online application. Recommenders will receive an email with a link to the online letter of recommendation to complete. Candidates are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic, or list of possible topics, that aligns with the research mission of the program and the research interests of faculty.

The application is considered incomplete if any of the items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon receipt of the written recommendation from the program director, the dean of the Graduate College notifies all applicants in writing of the admission decision.

Applicants should see the program website for application deadlines.

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Design, Environment and the Arts (Design), PHD (HIDEADSPHD)

Online Degree Search Title: Design, Environment and the Arts (Design), PhD
Campus: Tempe

Program Description:
The PhD in design, environment and the arts with a concentration in design is a flexible, interdisciplinary program that permits designers to develop the experience, skills and framework to become competent researchers, scholars, innovators, visionaries and leaders in the various disciplines of design, environment and the arts. Broad in scope, the program involves interdisciplinary research interests at both the micro- and macro-scales of design, environment and the arts. There are opportunities for research specialization in areas such as:

- global health and human factors
- history, culture, theory and philosophy
- social justice, placemaking and placekeeping
- sustainability and resilience
- technology, innovation and entrepreneurship

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Concentration (15 credit hours)
DSC 558 Lighting Design (3)
DSC 594 Conference and Workshop (3)
EPD 791 Seminar (3)
GRA 501 Creative Environment and Collaborative Leadership (3)
GRA 561 Methods in Visual Communication I (3)
GRA 562 Methods in Visual Communication II (3)
GRA 581 Internship in Teaching Design (3)
GRA 590 Reading and Conference (3)
INT 515 Decorative Arts in Historic Interiors: A Thematic Overview (3)
INT 516 Textiles in Historic Interiors: Appearance, Function, Symbolism (3)

Electives or Research (21 credit hours)
EPD 790 Reading and Conference (9)
EPD 792 Research (12)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Additional Curriculum Information
Students choose five courses from the list of concentration courses above. Other equivalent courses may be used as concentration coursework with approval of the supervisory committee.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in a closely related field from a regionally accredited institution. Examples of appropriate fields include art history, architectural history and design history. Fields in the humanities such as history, literature, archaeology and anthropology also may be considered. Students without graduate experience in the history of art, history of architecture and history of design may be asked to fulfill deficiencies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • letters of recommendation
  • personal statement
  • abstract of proposed research
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit the personal statement, abstract of proposed research and contact information for two references to Slideroom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)). It is required that these be submitted in addition to the Graduate College application requirements.

Career Opportunities:
More than 80 people have completed the program, and many are pursuing university teaching and research careers in design, environment and the arts fields. Others have careers leading planning and design firms or are engaged in business, industry, government and advocacy careers.

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://herbergerinstitute.asu.edu/node/40629
CDN 152E
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Digital Culture in Design), PHD (HIENVDGPHD)

Online Degree Search Title: Design, Environment and the Arts (Digital Culture in Design), PhD
Campus:

ASU is not currently accepting applications to this program.

Program Description:
The PhD program in design, environment and the arts with a concentration in digital culture in design focuses on the role of computational systems in enhancing creativity and the quality of human design. Graduates of the program should be thinkers as well as doers; they should learn to question the existing paradigms that govern the digital world as they impact design and the arts; they should be able to analyze systematically how digital tools affect the way designers and artists think, conceptualize, create and evaluate their designs and artwork; and, as a result, they should be able to come to a unique synthesis, leading the way in these fields.

This concentration program primarily explores the impact of digital culture on how built environments, products and visual communications are designed and analyzed by design professionals and are utilized by their intended audience. Students should be able to systematically question existing paradigms and ontologies of digital tools, evaluate the new paradigms that emerge as a result of digital culture, and propose new frameworks for design disciplines. Issues such as user interface design for new products, computer simulation of performance of buildings and products, effects of digital tools on architectural form giving, digital design processes, better incorporation of human factors into design tools,

usability and interaction design are some examples of faculty expertise and areas of focus.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Required Concentration (12 credit hours)

Research and Approved Electives (24 credit hours)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Other Requirements (30 credit hours)
a previously awarded master's degree or approved relevant coursework (30)

Additional Curricular Information
Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program. Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 credit hours plus the remaining 30 credit hours must be completed after admission to the program. No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program.

The student is required to take 12 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the concentration; a minimum of six credit hours in current research and research methods is required.

Each student entering the program is required to submit a plan of study during the first year.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the field of architecture, graphic design, industrial design, interior design, landscape architecture, arts media or engineering from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • three letters of recommendation
  • a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
  • an indication of proposed area of concentration (design, history, theory and criticism; digital culture in design; or health care and healing environments)
  • an indication of a potential mentor
  • a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 iBT or 600 PBT or an overall IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit,

administered at ASU and become certified. Additional information is available on the department website.

Students are admitted to the program only upon completion of a degree in architecture, graphic design, industrial design, interior design, landscape architecture or fine arts, or upon the demonstration of equivalent standing. Applicants must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

The letters of recommendation preferably would be academic, although they could be professional. Applicants are to provide the names and contact information of three recommenders at the time of their online application. Recommenders will receive an email with a link to the online letter of recommendation to complete. Applicants are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic or list of possible topics that aligns with the research mission of the program and the research interests of faculty.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Students are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The application is considered incomplete if any of the application items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon the written recommendation from the program director, the dean of the Graduate College notifies all applicants in writing of the admission decision.

Contact Information:
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Dean, Herberger Institute for Design and the Arts
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Design, Environment and the Arts (Healthcare and Healing Environments), PHD (ARENHHEPHD)

Online Degree Search Title: Design, Environment and the Arts (Healthcare and Healing Environments), PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The health care and healing environments concentration under the PhD program in design, environment and the arts focuses on the integration of evidence-based design, sustainable science and best practices benchmarks when planning health care facilities. Facility-related responsibilities supported by this area cluster into seven functional work units:

- facilities analysis (physical and environmental)
- human factors and user needs
- interior planning and design
- programming (long-range planning)
- research methodologies
- space management and planning
- strategic planning

This multidisciplinary program integrates the principles of medical and clinical innovations, interior architecture, human health services, communication studies, architecture and behavioral and engineering sciences. Students in this program are mentored by local health care design consultants, teaming with nursing students and working directly with real clients and corresponding with forward-thinking health care research centers.

Graduating students are able to address contemporary issues facing the health care industry, address health care environments on multiple levels, apply evidence-based research techniques and effectively communicate with clinicians.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Concentration (18 credit hours)

Electives or Research (18 credit hours)
EPD 792 Research (12)
other electives or research (6)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Additional Curriculum Information
Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program. Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program. If the student has not completed a master's degree, elective courses approved by the supervisory committee may be substituted.

The student is required to take 18 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the area of concentration.

Students are not allowed to use transfer credits to fulfill the 54 credit hour minimum requirement for resident credit. Each student entering the program is required to submit a plan of study during the first year.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in the field of design, interior design, architecture, nursing or other related fields from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • three letters of recommendation
  • a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
  • an indication of proposed area of concentration (design, history, theory and criticism; digital culture in design; or health care and healing environments)
  • an indication of a potential mentor
  • a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 iBT or 600 PBT or an overall International IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English (https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)).

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU, and become certified. Additional information is available on the department website.

Ideal candidates must already hold a master's degree in design, interior design, architecture, nursing or other related fields. A statement of intent will express interest in the health care research/design concentration. If students enter the program with no design or health care background, they must take certain deficiency courses.

The letters of recommendation preferably would be academic, although they could be professional. Applicants provide the names and contact information of three recommenders at the time of their online application. Recommenders receive an email with a link to the online letter of recommendation to complete. Applicants are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic, or list of possible topics, that aligns with the research mission of the program and the research interests of faculty.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Applicants are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The application will be considered incomplete if any of the application items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon the written recommendation from the program director, the dean of the Graduate College notifies all applicants, in writing, of the admission decision.

Career Opportunities:
Graduates may pursue advanced positions in the following arenas:

- elite consulting firms as facility programmers
- large health care systems and corporations as strategic planners
- leading manufacturers and vendors as expert representatives
- planning divisions in architectural and planning firms as medical planners
- research centers as decision-makers

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://herbergerinstitute.asu.edu/degree-programs/design-environment-and-arts-healthcare-healing-environments-phd
CDN 162E
designgrad@asu.edu
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Design, Environment and the Arts (History, Theory, and Criticism), PHD (HIDEAHTPHD)
Online Degree Search Title: Design, Environment and the Arts (History, Theory, and Criticism), PhD
Campus: Tempe

Program Description:
The history, theory and criticism concentration within the PhD program in design, environment and the arts focuses on the theoretical dimensions of architectural, design and art histories including critical discourse in the design or art disciplines. The program offers classes and research across many cultures, geographies and time periods as well as many approaches and methodologies within the art history program.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus, a dissertation and two foreign language exams.

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Required Concentration (15 credit hours; choose five courses)
APH 515 Current Issues and Topics (3)
APH 590 Reading and Conference (3)
APH 598 Special Topics (3)
ARS 501 Methodologies and Art History (3)
ARS 506 Critical Studies in Roman Art (3)

ARS 514 Monasteries, Madonnas and Manuscripts (3)
ARS 533 The Pre-Raphaelites (3)
ARS 574 Studies in Japanese Art (3)
ARS 575 Approaches to Chinese Painting (3)
ARS 584 Internship (3)
ARS 585 Women in the Visual Arts (3)
ARS 591 Seminar (3)
ARS 598 Special Topics (3)
ARS 790 Reading and Conference (3)
EPD 790 Reading and Conference (3)

Electives or Research (21 credit hours)
EPD 792 or ARS 792 Research (12)
three 3-credit hour courses at the 500 to 700 level as agreed upon by faculty mentor

Culminating Experience (12 credit hours)
EPD 799 or ARS 799 Dissertation (12)

Additional Curricular Requirements
A foreign language exam is required in order to show reading knowledge of two foreign languages as demonstrated by the exam administered by the School of International Letters and Cultures (or equivalent) during the program or by a "B" or better (scale is 4.00 = "A") in a reading course such as a 400- or 500-level special topics course (example: ITA 494 or FRE 598 for reading knowledge). These credits do not count toward the degree total unless taken at the 500 level or above and approved by the faculty mentor as a concentration course.

When approved by the student's supervisory committee, this program allows 30 credit hours from a previously awarded master's degree to be used for this program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in any field from a regionally accredited institution. Examples of appropriate fields include art history, architectural history, design history or fields in the humanities, such as history or literature; archaeology and anthropology may also be considered. Students without graduate experience in the history of art, history of architecture and history of design may be asked to fulfill deficiencies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • abstract of proposed research
  • personal statement
  • letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit to Slideroom (https://asudesign.slideroom.com (https://asudesign.slideroom.com/)) the personal statement, abstract of proposed research, and contact information for three references. It is required that these be submitted in addition to the Graduate College application requirements.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Graduates are able to draw on scholarship outside their own areas of concentration, which capitalizes on the eclecticism of the field and facilities integration of diverse perspectives, enhancing their chances for success on the academic job market. Within this broad-based, on-demand program students gain an encyclopedic knowledge of basic issues in the areas of architecture, design, and art history making them more effective in a variety of locations including authentication, antiques, gallery spaces and more. A doctorate degree is necessary for responsible administrative posts in museums and higher education and for employment as a university or college faculty member.

Contact Information:
Design and the Arts, Herberger Institute for
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ART 102
SOAGradCoordinator@asu.edu
480-965-8521

Digital Culture, MA (HIDGCMA)

Online Degree Search Title: Digital Culture, MA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The MA program in digital culture is geared toward practitioners of design and the arts who have an interest in engaging in scholarly knowledge creation at the intersection of computational arts and sciences and seek to enhance their practice through expanded engagement with interactive and embodied media theory and design. The degree program allows artists and designers to explore new avenues for real-time media creation that seek to go beyond current paradigms.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications --- and prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies. Its mission is to improve and facilitate learning, creativity and communication; it does this through the integration of human physical experience and computational and digital media practice-based methods.

Students admitted into the Master of Arts program in digital culture can explore the intersection of:

- critical media theory --- philosophical technologies, speculative design
- engineering --- social and embedded design, system engineering
- experiential media --- interaction design, responsive environments
- machine learning --- AI, augmented reality, virtual reality
- science --- mediated rehabilitation, public participation in science
- sensory --- food design and sensory science, somatic and movement studies
- sound design --- digital composition and performance, acoustic ecology
- sustainability --- sustainability and critical climate studies, urban climate infrastructure

Degree Requirements:
33 credit hours including the applied project course (AME 593).

Required Core (12 credit hours)
AME 520 Understanding Activity (3)
AME 530 Experiential Media Studies I (3)
AME 531 Experiential Media Studies II (3)
AME 532 Media Synthesis (3)

Electives or Research (18 credit hours)

Culminating Experience (3 credit hours)
AME 593 Applied Project (3)

Additional Curriculum Information
Students should check with the academic unit regarding appropriate electives coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in one of the following areas from a regionally accredited institution: arts, humanities, design, media studies, computer science, engineering or a closely related field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- letters of recommendation
- portfolio
- statement of purpose
- writing sample
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A portfolio is required; however, submissions will vary depending on the background of each prospective student due to the transdisciplinary nature of the program. Applicants from a wide variety of disciplines are expected to be interested in the master's degree. Key works will be requested from applicants to illustrate the types of skills they wish to develop in the master's degree program. Examples include games they have designed and programmed, interactive installations and performances (submitted as video), websites they have created or programmed, music they have composed digitally or films they have made.

The statement should explain, in a concise and persuasive manner, how the student's educational, professional and personal experiences inform their research and creative interests, and it should elaborate on any aspect of their background that supports candidacy to the School of Arts, Media and Engineering.

Career Opportunities:
Graduates of the Master of Arts program in digital culture go on to careers in areas such as:

- acoustics research
- communications
- graphic design
- marketing
- mobile development
- sound design
- 3D modeling

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/
STAUF-B 217
ameed@asu.edu
480-965-9438

Digital Culture, MS (HIDGCMS)

Online Degree Search Title: Digital Culture, MS
Campus: Tempe

Program Description:
The MS program in digital culture is designed for practitioners and makers in design and the arts who have an interest in software and system development and seek to enhance their practice through expanded engagement with interactive, embodied media design in an interdisciplinary environment. The program allows artists and designers to explore new avenues for real-time media creation that seek to go beyond current paradigms.

Coursework also explores current practices in various contexts (performance environments, health and wellbeing, social media and communication) as well as engineering-based approaches to developing experiential systems with social impact.

Degree Requirements:
33 credit hours including the required applied project course (AME 593).

Required Core (9 credit hours)
AME 520 Understanding Activity (3)
AME 530 Experiential Media Studies I (3)
AME 532 Media Synthesis (3)

Electives (21 credit hours)

Culminating Experience (3 credit hours)
AME 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as arts, humanities, design, media studies, computer science or engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • letter of intent
 • professional resume
 • portfolio
 • writing sample
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Writing samples can include research writing, published articles and other scholarly work.

Due to the transdisciplinary nature of the program, portfolio submissions can vary based on the prospective student's background. Materials may illustrate the types of skills the applicant possess. Portfolios can be submitted in the form of a website, photos, video, PDFs and other physical documentation. Examples include: games designed and programmed by the applicant, music composed by the applicant, performances (submitted as video), and websites they have created or programmed.

The letter of intent should explain the how the applicant's educational, professional and personal experiences inform their research and creative interests, and it should elaborate on any aspect of the background that supports candidacy to the School of Arts, Media and Engineering.

Career Opportunities:
Graduates of the Master of Science program in digital culture go on to careers in areas such as:

 • acoustics research
 • communications
 • graphic design
 • marketing
 • mobile development
 • museum and curatorial work
 • sound design
 • 3D modeling

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T

Digital Culture (Extended Reality Technologies), MS (HIDGCERTMS)

Online Degree Search Title: Digital Culture (Extended Reality Technologies), MS
Campus: Tempe, ASU@Mesa City Center

Program Description:
The MS program in digital culture with a concentration in extended reality technologies focuses on the development of innovative tools and methodologies for extended reality and immersive technologies, including simulation, visualization, interaction, computer vision, human-computer interaction, experience design, artificial intelligence and machine learning.

Students develop a fundamental understanding of how emerging media technologies can be used to create virtual worlds that simulate the existing world alongside entirely new ones. In addition, students develop skills in programming languages and software applications necessary to these production workflows, and they have the ability to manage projects; work effectively in collaborative teams transform research into creative and technological products and reflect upon the ethical, cultural and social frameworks within which their work occurs.

This program is unique among emerging media programs through the application of these technologies and practices in socially engaged and transdisciplinary modalities, taking tools that evolved primarily from and for entertainment and applying them to the modeling of real-world challenges and futures.

Degree Requirements:
33 credit hours including the required applied project course (AME 593).

Required Core (9 credit hours)
AME 520 Understanding Activity (3)
AME 530 Experiential Media Studies I (3)
AME 532 Media Synthesis (3)

Concentration (12 credit hours)
AME 550 Prototyping Futures (3)
AME 551 Designing Extended-Reality Experiences (3)
GIT 550 Digital Workflow in the Graphics Industry (3)
HDA 581 Emerging Media Colloquium (3)

Electives (6 credit hours)

Other Requirements (3 credit hours)
AME 584 Internship (3)
AME 590 Reading and Conference (3)
AME 592 Research (3)
HDA 580 Practicum (3)

Culminating Experience (3 credit hours)
AME 593 Applied Project (3)

Additional Curriculum Information
For other requirements, students must complete a minimum of 3 credit hours of faculty-led research (AME 592), individualized instruction (AME 590), the design and implementation of public programs (HDA 580), or an internship (AME 584).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in media arts, engineering, design or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letter of intent
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In the letter of intent, applicants should detail their professional goals and the alignment of those goals with the program.

Career Opportunities:

Graduates of this program are well prepared for careers in a variety of fields related to the application of extended reality technologies and practices. Virtual and augmented reality have obvious and popular applications in entertainment, gaming, workforce development and research, but alumni of this program also have had direct experience with the application of these tools to other areas that can expand their available pathways: urban planning, health care and education, among others. They are ideally suited for the rapidly changing climate of this field.

Contact Information:

Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/degree-programs/digital-culture-ms
GHALL 232
AMEED@asu.edu
480-965-9438

Industrial Design, MID (HIINDMID)

Online Degree Search Title: Industrial Design, MID
Campus: Tempe

Program Description:

The MID in industrial design is a studio-based program in which students learn to design new products and service systems that solve critical global problems.

Students engage in research, brainstorming, idea visualization, prototyping and testing of creative solutions that address critical problems faced in the world today.

Graduates of this program are adept in using principles of design innovation, sustainability and systems thinking in problem-solving.

Degree Requirements:

60 credit hours including the required capstone course (IND 622).

Required Core (40 credit hours)

Electives (12 credit hours)

Other Requirement (3 credit hours)
IND 584 Internship (3)

Culminating Experience (5 credit hours)
IND 622 Advanced Industrial Design Studio IV (5)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

The Master of Interior Design program includes sequential studio courses. Requirements involve an average of 14 credit hours per semester. An internship is required during the summer prior to the final year.

Additional deficiency coursework is required for students who are in the three-year plus program; students should see the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a portfolio
- letter of intent
- contact information of two references
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS.

Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The Design School requires that the portfolio, letter of intent and references be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they need to go through the entire application process again for the year in which they are applying.

A GRE test is not required.

Applicants may be admitted to the two-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary; this may cause the student to take longer than two years to complete the program.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission requirements for the two-year program
Applicants must hold a minimum of a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing in a related field such as industrial design or product design.

Admission requirements for the three-plus year program
Applicants must hold a bachelor's degree or equivalent from a regionally accredited college or university of recognized standing in a field other than industrial design.

Career Opportunities:
Graduates are able to apply critical thinking and design processes to global opportunities needing change. They often find positions in industry and academia. Some examples include:

- civil drafter
- commercial designer
- designer
- furniture designer
- industrial designer
- mechanical drafter
- package designer
- product designer
- set and exhibit designer

Contact Information:
Design and the Arts, Herberger Institute for

The Design School
https://design.asu.edu
CDN 162
designgrad@asu.edu
480-965-3536

Innovation and Venture Development, MS (HIIVDMS)

Online Degree Search Title: Innovation and Venture Development, MS
Campus: Tempe

Program Description:
The MS program in innovation and venture development integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed for launching successful ventures in any industry or sector, inside existing organizations or as new entities.

Graduates are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs and evaluate opportunities, generating insights from real-world problems; innovate solutions; and create and launch scalable business models that provide value to all stakeholders. Founders with this innovation and venture development degree from ASU can define a new standard for venture development.

Degree Requirements:
30 credit hours including the required capstone course (IVD 661).

Required Core (18 credit hours)
IVD 525 Fundamentals of Entrepreneurial Leadership (3)
IVD 560 Innovation Studio I: Discovery and Insight (3)
IVD 561 Innovation Studio II: Problem Reframing (3)
IVD 562 Innovation Studio III: Explore, Fail, Solve (3)
IVD 630 Scaling Entrepreneurial Leadership (3)
IVD 660 Innovation Studio IV: Business Model (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)
IVD 661 Innovation Studio V: Scale (6)

Additional Curriculum Information
Students should see the academic unit for a list of approved elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Career Opportunities:

Career opportunities include:

- chief innovation officer
- creative developer
- director of engineering
- founder or CEO
- innovation manager
- management consultant
- marketing director
- product developer

Contact Information:

Engineering, Ira A. Fulton Schools of

Dean, Herberger Institute for Design and the Arts

https://design.asu.edu/

CDN 162

msivd@asu.edu

480-965-3536

Interior Architecture, MIA (HIIAMIA)

Online Degree Search Title: Interior Architecture, MIA

Campus: Tempe

Program Description:

The MIA is a studio-based degree program that provides a focused experience for students with an undergraduate degree in interior design or architecture. For students without this background, an additional three semesters of study are available.

Focusing on the development of groundbreaking design solutions to contemporary and emergent societal issues such as sustainability and community engagement, this program draws upon history, theory and criticism to inform a collaborative, evidence-based approach to the design of interior environments. This provides a foundation of transdisciplinary learning to assist in the understanding of integrated practice.

The Master of Interior Architecture degree is accredited by the Council for Interior Design Accreditation. Completion of the degree qualifies a graduate to seek work experience as an interior designer and then sit for the National Council of Interior Design Qualification examination.

Degree Requirements:

56 credit hours including the required capstone course (INT 622).

Students should see the academic unit for the course list. Additional coursework is required if the student needs to take deficiency courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a portfolio, letter of intent and contact information of two references submitted via SlideRoom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login))
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

A GRE test is not required.

The Design School requires that the portfolio, letter of intent and reference information be submitted in addition to the Graduate College application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they need to go through the entire application process again for the year in which they are applying.

Applicants may be admitted to the two-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Student should keep in mind that this may cause the student to take longer than two years to complete the program.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission Requirements for the Two-year Program:
All applicants must have completed a minimum of a bachelor's degree or equivalent in interior design or interior architecture from a Council for Interior Design Accreditation-accredited program or a four-year degree in architecture from a National Architectural Accrediting Board-accredited program.

Admission Requirements for the Three-plus-year Program:
All applicants must have completed a minimum of a bachelor's degree or equivalent in a field other than in interior design, interior architecture or architecture.

Career Opportunities:
The Master of Interior Architecture is a studio-based, professional degree program that prepares graduates to fill leadership positions in interior architecture, interior design practice and education.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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Landscape Architecture, MLA (ARLDEMLA)

Online Degree Search Title: Landscape Architecture, MLA
Campus: Tempe

Program Description:
The MLA program is designed to enable students to work with communities in planning and design projects for improving the ecological and social health of their built environments, with emphasis on sustainable environments for community resilience. ASU's Master of Landscape Architecture program provides students with the ecological literacy and fluency to lead socially just urban transformations in areas of greening, decolonizing and healing places. These urban transformations are urgently needed to build better and more just neighborhoods, cities and regions.

The curriculum in this accredited degree program is designed to prepare future leaders in landscape architecture practice and for advanced study at the doctoral level. In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. This Master of Landscape Architecture degree is qualified as a STEM-designated degree program in the U.S. education designation.

There are three program paths of study available in this master's degree program:

- a 2-year program for applicants who have completed the four-year or five-year bachelor's degree in landscape architecture
- a 2-plus program (two years plus one spring) for applicants with an undergraduate degree in architecture, planning, urban design, urban planning, environmental design or a related design field
- a 3-year program for applicants with an undergraduate degree in a discipline or field other than landscape architecture or a related design field

Studio projects range from large-scale work encompassing green infrastructure, resilient design, sustainable systems design, future climate scenarios and actions, urban ecological design, urban agriculture, landscape restoration, open space preservation and planning, community planning and design, biophilia and landscape ecological design to projects at the more intimate scale of a neighborhood park, streetscape, vacant lot transformation, campus design or residential back yard. Emerging areas of focus include climate adaptation, health and equity, creative place-making and place-keeping; environmental justice, living structures (e.g., green roofs and living walls), restorative environments, sustainable design, urban climate design, and climate justice design.

The Design School is committed to the merging of global and local contexts and concerns and, toward this end, graduate students may travel as part of their studio experience. To date, students have traveled to Argentina, Brazil, England, Ethiopia, Germany, Japan, the Netherlands, Rwanda, Spain and Turkey. The school also offers a number of summer study abroad programs in an effort to extend the student opportunities for global engagement.

Degree Requirements:
56 credit hours and a thesis, or 56 credit hours including the required applied project course (LDE 593), or 56 credit hours including the required capstone course (LDE 622).

Required Core (15 credit hours)
LDE 521 Advanced Landscape Architectural Studio I (5)
LDE 522 Advanced Landscape Architectural Studio II (5)
LDE 621 Advanced Landscape Architectural Studio III (5)

Research (9 credit hours)
DSC 598 Topic: Principles of Collaboration in Design (3)
LPH 513 Research in LA Seminar (3)
LPH 598 Topic: Landscape Architecture Research (3)

Electives (8 to 9 credit hours)

Other Requirements (18 credit hours)
LAP 584 Internship (1)
LAP 584 Internship (2)
LPH 598 Topic: Current Issues and Topics in Landscape Architecture (3)
LPH 598 Topic: Urban Landscape Water Systems and Management (3)
LPH 691 Topic: Landscape Architecture Seminar (3)
LTC 598 Topic: Landscape Construction III (3)
LTC 598 Topic: Planting Design (3)

Culminating Experience (5 or 6 credit hours)
LDE 593 Applied Project (5) or
LDE 599 Thesis (6) or
LDE 622 Advanced Landscape Architectural Studio IV (5)

Additional Curriculum Information
Students take eight to nine credit hours of design professional electives depending on the culminating experience. Students should see the academic unit for an approved elective list. For the research and other requirements sections, other courses may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • online graduate admission application and application fee
 • official transcripts
 • a portfolio, letter of intent and contact information of two references submitted via SlideRoom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login))
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS.

Other information can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The Design School requires that the portfolio, letter of intent and reference information be submitted in addition to the Graduate College application requirements.

Applicants are encouraged to report GRE scores, especially if the applicant's background is broad or other than a traditional design major, but it is not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted; otherwise, they need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Additional Admission Information

Admission Requirements to the 2-Year Pathway
An applicant must have completed a four-year or five-year bachelor's degree with a major in landscape architectural studies or be a licensed landscape architect. The undergraduate degree must be granted by an institution that offers the Landscape Architectural Accreditation Board or equivalent accredited degree program in landscape architecture.

Admission Requirements to the 2-Plus Pathway
Applicants must have earned an undergraduate or graduate degree in architecture, urban design, landscape design, planning, urban design, environmental or a related design field or applicants with a baccalaureate degree with a major or minor in landscape design.

Admission Requirements to the 3-Year Pathway
Applicants must have earned a baccalaureate or graduate degree in any field other than landscape architecture or a design-related field.

Deficiency Coursework
If a student is assigned any deficiency coursework by the academic unit upon admission depending on the undergraduate background, those courses must be completed with a grade of "B" (3.00) or higher before completing the master's program required coursework. As an MLA student assigned deficiencies, there are two pathways.

Deficiency courses may include:

LAP 231 Introduction to Digital Applications for Designers
LAP 251 Plant Materials for Sustainable Landscapes
LAP 311 History of Landscape Architecture
LAP 312 20th Century Landscape Architecture
LAP 332 GIS Applications in Environmental Design
LAP 341 Landscape Construction I
LAP 342 Landscape Construction II
LAP 352 Ecosystems and Sustainable Design
LDE 590 Topic: Core Landscape Architectural Studio I
LDE 590 Topic: Core Landscape Architectural Studio II

Career Opportunities:
Alumni of this program have found careers with nationally recognized landscape architects in multinational firms, within public municipalities and agencies in the United States and abroad, and with urban greening nonprofit, community development and environmental justice organizations.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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designgrad@asu.edu
480-965-3536

Media Arts and Sciences, PHD (FAMASPHD)

Online Degree Search Title: Media Arts and Sciences, PhD
Campus: Tempe

Program Description:
Media arts and sciences is a PhD program housed in the transdisciplinary School of Arts, Media and Engineering.

The school educates the next generation of learners and empowers them with technofluency --- its development, application and implications. Students are prepared to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Doctoral students in this program are provided unique opportunities to engage in knowledge creation at the intersection of computational arts and sciences using the most advanced practice-based and theoretical methods. The opportunity for active participation in transdisciplinary research teams allows media arts and sciences doctoral students to gain valuable experience as both agents of their own research and education, while fostering opportunities for collaborative and embedded research.

At the core of this program is a commitment to designing curriculum tailored to each student-researcher in conjunction with the diverse faculty, labs and centers. This allows students to facilitate the development of innovative, experiential media systems that can respond to the world's most pressing challenges. Students admitted into the media arts and sciences doctoral program can pursue research at the intersection of any of these fields, among others:

- AI, system engineering and machine learning
- auditory culture, digital composition and performance
- critical media theory and philosophical technologies
- food design and sensory science
- interaction design, experiential media and responsive environments
- mediated rehabilitation, and somatic and movement studies
- public participation in science
- social and embedded design
- sustainability and critical climate studies
- VR and AR

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The requirements for this program are comprised of 39 course credit hours, which include 30 from the transdisciplinary media courses offered by the School of Arts, Media and Engineering; 33 research credit hours; and 12 dissertation credit hours. All students are required to take a minimum of two courses under each of the five constituting areas of experiential media (30 credit hours).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in arts, humanities, design, media studies, computer science, engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- curriculum vitae
- statement of purpose

- three letters of recommendation
- portfolio of supporting material
- writing sample
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should explain in a concise and persuasive manner how the student's educational, professional and personal experiences inform their research and creative interests, and the student should elaborate on any aspect of their background that supports candidacy to the School of Arts, Media and Engineering program.

Each applicant must demonstrate entry-level competencies. This can be demonstrated primarily through a portfolio. The portfolio may include previously developed media products, projects or publications demonstrating an understanding of and involvement with digital media and computation. Entry-level competency can also be partially demonstrated through coursework and may include such courses as:

- advanced computer programming
- computer graphics and animation
- computer music
- digital design
- film theory
- interactive technologies
- media authoring tools
- media theory
- multimedia systems
- signal processing

Students should see the program website for application deadlines and admission terms.

Career Opportunities:
Graduates can go on to careers in areas such as:

- academia
- mobile and web development
- product design
- programming
- research and development across diverse industries
- software engineering
- 3D modeling
- user experience design

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu
STAUF B217
ameed@asu.edu
480-965-9438

Music (Conducting), DMA (FACONDDMA)
Online Degree Search Title: Conducting, DMA
Campus: Tempe

Program Description:
The DMA program in music with a concentration in conducting offers emerging conductors the opportunity to improve their art, craft and scholarship while becoming well-versed in multiple areas of conducting.

Those pursuing this degree take several common courses regardless of emphasis and become acquainted with the repertory and conducting issues for each medium. Coursework emphasizes a thorough knowledge of repertory, historical and analytical issues; an understanding of efficient, effective rehearsal technique; and clear, expressive conducting technique. Doctoral students of conducting receive considerable individual attention and have regular opportunities to rehearse and to conduct a variety of ensembles.

There are three tracks in this degree program:

Choral conducting --- Conductors specializing in choral conducting expand their expertise in vocal technique and work to integrate this into their pedagogy and rehearsal process. Score study integrates musical and textual analysis in order for students to gain insights into the unique interpretive demands of each work. Through these studies and those described above, conductors enhance their musical and interpretive skills and develop a collaborative leadership style.

Orchestra and opera conducting --- Conductors specializing in orchestra and opera conducting work closely with the director of orchestras and the artistic director of the music theatre and opera program and gain a breadth of experience in both orchestral and opera conducting. Time in front of an ensemble is essential; therefore, conductors have significant podium time as well as twice-weekly studio chamber orchestra classes. Study includes conducting technique, rehearsal technique, leadership, interpretation, score study, audience development and outreach, and career development.

Wind band conducting --- Conductors specializing in wind band conducting study privately with the director of bands and work closely with other members of the conducting faculty, including the director of athletic bands in order to develop their conducting and rehearsal skills. If interested, wind band conducting students also have opportunities to enhance their work with athletic bands and, if desired, may elect individual study with the director of athletic bands. Furthermore, many students select integrated conducting as their cognate, allowing for in-depth work in a second conducting area.

The doctoral program lecture recital is a performance with the top pool of wind and percussion players in the School of Music, Dance and Theatre and includes repertoire chosen from the complete body of wind band and chamber wind literature.

Degree Requirements:
90 credit hours, a written comprehensive exam, an oral comprehensive exam and a research paper.

Conducting Core (18 credit hours)

Specialty Courses (9 credit hours)

Electives (9 credit hours)

Cognate (integrated conducting, instrumental performance or music learning and teaching) (9 credit hours)

Music History and Music Theory (21 credit hours)

Recitals and Research (24 credit hours)

Other Requirement
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to course enrollment in the ASU School of Music, Dance and Theatre.

Additional Curriculum Information
Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years beyond the bachelor's degree in the program. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted here: https://musicdancetheatre.asu.edu/degree-programs (https://musicdancetheatre.asu.edu/degree-programs).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students seeking admission typically hold an MM degree. Applicants with other degrees are considered if they have received graduate training similar to that normally expected in a Master of Music program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)

- official transcripts
- School of Music, Dance and Theatre Application, including a resume and personal statement; also, from choral applicants, an uploaded writing sample: https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
- prescreening video
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: TOEFL score of at least 550 (PBT) or 80 (iBT), IELTS overall band score of at least 6.5, or Pearson Test of English score of at least 60.

The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Students should see the program website for application deadlines. After receipt of complete application materials, including recommendation letters, transcripts and English proficiency requirements, and review of prescreening materials, an applicant may be invited for a live audition. Information on the audition may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

Career Opportunities:
School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- artistic director
- arts administrator
- community arts advocate
- performing musician
- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/conducting-dma
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Ethnomusicology), MA (FAETHNMA)

Online Degree Search Title: Ethnomusicology, MA
Campus: Tempe

Program Description:
The MA program in music with a concentration in ethnomusicology helps students develop skills in scholarship and performance as they focus on aspects of one or more of the world's musical cultures.

Students can explore performance styles outside the Western European canon through participation in ensembles such as Javanese gamelan, Latin marimba, mariachi, steel pan and African drumming. As a culminating demonstration of professional capability in the major field, the student must submit a final project that demonstrates advanced competence in research and writing in musicology or ethnomusicology. The final project may be a thesis, a series of special papers or a written work of equivalent scope and depth.

Degree Requirements:
30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

Required Core (13 credit hours)
MHL 532 Music Bibliography (3)
MHL 668 Introduction to Ethnomusicology (3)
MUP 587 Ethnomusicology Ensembles (2)
music theory (5)

Electives (9 credit hours)
music electives (6-9)
open electives (0-3)

Research (2 credit hours)
MHL 592 Research (2)

Culminating Experience (6 credit hours)
MHL 599 Thesis (6)

Additional Curriculum Information
MHL 592 Research is taken concurrently with the second semester of MUP 587 Ethnomusicology Ensembles.

At least 20 credit hours for the program must be in the field of ethnomusicology or related fields approved by the student's advisor, complemented by courses in music theory, performance and cultural anthropology as listed above. Appropriate elective coursework is reviewed and approved by the academic unit prior to inclusion on the student plan of study. No more than three credit hours of musicology may apply to the music electives requirement.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

A passing grade on the foreign language exam in French, German, Italian or Spanish is required for graduation.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted under each degree here: https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution or from an international institution officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application, including a resume, personal statement and writing sample:
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • three letters of recommendation
  • official transcripts
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Students should see the program website for application deadlines.

Career Opportunities:

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions. School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

- arts administrator
- community arts advocate
- ethnomusicologist
- performing musician
- public or community school teacher
- university professor

Contact Information:

Design and the Arts, Herberger Institute for

School of Music, Dance and Theatre

https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1

MUSIC E167

mdtadmissions@asu.edu

480-965-5069

Music (Interdisciplinary Digital Media), DMA (FAINTDDMA)

Online Degree Search Title: Music (Interdisciplinary Digital Media), DMA
Campus: Tempe

Program Description:

The DMA program in music with a concentration in interdisciplinary digital media is a unique collaboration of the School of Music, Dance and Theatre and School of Arts, Media and Engineering. This degree program is designed for students who have interests and the creative skills to work within a cross-section of the arts and sciences.

Program offerings extend beyond typical music coursework of the School of Music, Dance and Theatre, to allow more opportunities for digital sound and experimental media projects.

The program also allows the School of Music, Dance and Theatre and its students to be actively involved in current developments in the ever-changing field of media and digital culture. The state-of-the-art media facilities of the School of Arts, Media and Engineering and its hybrid arts-engineering faculty and courses in electronic music are invaluable assets to music students, with resources that complement existing and future courses in electronic music.

This program provides extensive faculty interaction from both the School of Music, Dance and Theatre and the School of Arts, Media and Engineering.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (25-27 credit hours)
Music Theory Core Area (12-19)
Music History Core Area (6-15)

Concentration (33 credit hours)
MTC 523 Advanced Composition (6)
MTC 723 Advanced Composition (6)
Arts, Media and Engineering coursework (21)

Electives (9-11 credit hours)

Research (9 credit hours)
MTC 792 Research (9)

Culminating Experience (12 credit hours)

MTC 799 Dissertation (12)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Concentration coursework for the Arts, Media and Engineering area must be from the AME prefix.

This program accepts up to 30 credit hours from a previously awarded master's degree with approval from the academic unit and the Graduate College that may be used toward the hours required for the elective and concentration coursework.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country and officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application (including a resume and personal statement):
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • GRE or MAT scores
  • prescreening portfolio
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or IELTS overall band score of at least 6.5, or Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After all application materials are received and reviewed, including recommendation letters, transcripts and English proficiency requirements, an applicant may be invited for a live interview. Information about the interview may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

Career Opportunities:
The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

  • arts administrator
  • community arts advocate
  • composers for film, video games, television
  • performing musician

- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-interdisciplinary-digital-media-dma
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Music Composition), DMA (FACOMPDMA)

Online Degree Search Title: Music Composition, DMA
Campus: Tempe

Program Description:
The DMA in music with a concentration in music composition is a comprehensive professional degree program designed for outstanding students of acoustic, electronic and multimedia composition who are preparing for professional careers, including teaching positions at the university level.

This degree program provides extensive faculty interaction as well as opportunities to develop advanced skills in compositional techniques from a wide variety of styles and traditions with emphasis on fostering students' personal approach to composition. The opportunity to collaborate with music scholars, theorists, performers, educators and other composers provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements:
90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The credit requirements for the degree are distributed as follows:

major area (composition, music technology, electives) (36 credit hours)
music theory and music history (30 credit hours)
research (12 credit hours)
dissertation (12 credit hours)

The music composition concentration requires the creation of a significant original work of music (considered to be a dissertation) and either two article-length research papers or a substantial paper.

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years in the program beyond the master's degree. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Additional information about degree requirements for all graduate music programs may be found on the check sheets at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)

- School of Music, Dance and Theatre application (including a resume and personal statement): https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  - official transcripts
  - prescreening portfolio
  - three letters of recommendation
  - proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After receipt of complete application materials, including recommendation letters, transcripts and English proficiency, and review of prescreening materials, an applicant may be invited for an interview. Information about the interview may be found at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Career Opportunities:

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- arts administrator
- community arts advocate
- composers for film, video games, television
- performing musician
- public or community school teacher
- university professor

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-composition-dma
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Music Learning and Teaching), PHD (FAMUSEDPHD)

Online Degree Search Title: Music (Music Learning and Teaching), PhD
Campus: Tempe

Program Description:

The PhD in music with a concentration in music learning and teaching is a world-class transformative degree for musician-teacher scholars who seek careers in musical and educational leadership.

Music learning and teaching doctoral students are immersed in an open, inclusive and multifaceted community of dynamic partnerships, research, and teaching collaborations. Students work each semester with outstanding faculty on creative projects and initiatives that lead to independent and co-authored research and publication, and they have opportunities to diversify their thinking and further their goals by collaborating with internationally recognized faculty in other schools and colleges at ASU.

The music learning and teaching doctoral program includes highly specialized study in music education, elective studies with scholars and artists in the Herberger Institute for Design and the Arts, and opportunities for transdisciplinary elective study with faculty in schools and colleges across the university. A plan of study is designed by the student in consultation with the faculty to support a research trajectory identified by the student.

Research conducted by students in the music learning and teaching concentration aims to reexamine, interrogate and broaden discourse, practice and policy in music education, and to expand music and education scholarship by challenging methodological and disciplinary boundaries. The program concludes with dissertation research.

Degree Requirements:
90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (10 credit hours)
MSI 601 Contemporary Topics in Music Research (2)
MSI 602 Current Issues in Music Research (2)
MSI 755 Historical Research in Music (3)
MTC 520 Analytical Techniques (3)

Concentration (30 credit hours)

Electives (29 credit hours)

Research (6 credit hours)

Other Requirements (3 credit hours)
MUE 784 Internship (3)

Culminating Experience (12 credit hours)
MUE 799 Dissertation (12)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Students should see the academic unit for a complete list of approved electives.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. A minimum of two semesters must be spent in continuous full-time residence at ASU.

Additional information on degree requirements for all graduate music programs may be found on the check sheets at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 ="A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application (including curriculum vitae, personal statement and a writing sample):
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • teaching demonstration video
  • GRE or MAT scores
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students

should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60. More information about English proficiency requirements is available on the Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Applications are accepted and reviewed on a rolling basis until all spaces are filled. Applicants are encouraged to apply as early as possible. Students should see the program website for more information on application deadlines. To ensure prompt processing of application, students should email MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) after submitting an application. An interview with the music learning and teaching doctoral faculty in person or via electronic media is scheduled after review of application materials. GRE or MAT scores may be submitted after deadlines, but these must be received before enrollment at ASU.

Career Opportunities:
Graduates have many possible career options and pathways.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music. Graduates become scholars, researchers, music and arts administrators, and public policy advisors to education and arts organizations or civic and governmental groups.

Career examples include:

- arts administrator
- community arts advocate
- community arts educator
- performing musician
- public or community school teacher
- teaching artist
- worship music leader
- youth development facilitator
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/music-learning-and-teaching?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Musicology), MA (FAMHISTMA)

Online Degree Search Title: Music (Musicology), MA
Campus: Tempe

Program Description:
In the MA program in music, faculty members provide and participate in multisensory learning experiences concerning musical genres, styles and forms, performance and listening practices, instruments, spaces, philosophies, musical infrastructures and geographic locations.

The faculty comprises leading scholars specializing in western and non-Western music, particularly traditions in the Americas and Eastern Europe (Russia, Ukraine, USSR), and music of the Middle East, Central Asia, Latin America, and Indonesia as well as Medieval music cultures, the long nineteenth century, jazz, music in popular cultures, musical modernism and experimentalism, intellectual property law, cultural policy, improvisation, sound studies, ecomusicology, dance and embodiment, and music's role in well-being.

The student must submit a final project that demonstrates advanced competence and professional capability in research and writing in musicology or ethnomusicology. The culminating project may be a thesis, a series of special papers or a written work of equivalent scope and depth.

Degree Requirements:
30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

Required Core (14 credit hours)
MHL 532 Music Bibliography (3)
MHL 691 Seminars (6)
music theory (5)

Electives (8 credit hours)
music electives (5-8)
open electives (0-3)

Other Requirement (2 credit hours)
performance ensembles (2)

Culminating Experience (6 credit hours)
MHL 599 Thesis (6)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

At least 20 credit hours of this program must be in the field of music history and literature.

Appropriate elective coursework is reviewed and approved by the academic unit prior to inclusion on the student's plan of study. Students may not apply more than three credit hours of ethnomusicology courses toward their plan of study.

A passing grade on the foreign language exam in French, German, Italian or Spanish is required for graduation.

Additional information on degree requirements for all graduate music programs may be found on the check sheets: https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application (including a resume, personal statement and writing sample): https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Students should see the program website for application deadlines.

Career Opportunities:

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- community arts advocate
- musicologist
- performing musician
- public or community school teacher
- university professor

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Musicology), PHD (HIMUSMPHD)

Online Degree Search Title: Music (Musicology), PhD
Campus: Tempe

Program Description:

The PhD program in music with a concentration in musicology focuses on the scholarly study of sound and music in historical contexts, musical traditions as sociocultural artifacts and behaviors, and performance. These areas are approached through the investigation of genres, styles, forms, performance and listening practices, instruments, spaces, philosophies, musical infrastructures and geographic locations.

Faculty members include Sabine Feisst, Dave Fossum, Kay Norton, Catherine Saucier, Peter Schmelz, Ted Solis, Christi Jay Wells, and faculty associate Bliss Little. They are leading scholars specializing in western and non-Western music, particularly traditions in the Americas and Eastern Europe (Russia, Ukraine, USSR), and music of the Middle East, Central Asia, Latin America, and Indonesia as well as Medieval music cultures, the long nineteenth century, jazz, music in popular cultures, musical modernism and experimentalism, intellectual property law, cultural policy, improvisation, sound studies, ecomusicology, dance and embodiment, and music's role in well-being.

Coursework includes historiography, applied musicology, methodologies and pedagogy. Transdisciplinary studies are encouraged with scholars and artists in the School of Music, Dance and Theatre (e.g., a studio professor, music theorist, or composer), the Herberger Institute for Design and the Arts (e.g., a design or dance faculty member), and faculty in schools and institutes across the university (e.g., specialists in languages, regions or cultures).

A plan of study is designed by the student with the faculty to support an individualized research trajectory. Research conducted by students in the doctoral program in musicology aims to examine and interrogate the discipline of musicology and to expand the traditional boundaries of music scholarship by challenging methodological and disciplinary boundaries. The program concludes with a dissertation.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, two foreign language exams and a dissertation.

Required Core (10 credit hours)
MSI 601 Contemporary Topics in Music Research (2)
MSI 602 Current Issues in Music Research (2)
MSI 755 Historical Research in Music (3)
MTC 520 Analytical Techniques (3)

Concentration (15 credit hours)
MHL 632 Applied Musicology (3)
MHL 668 Introduction to Ethnomusicology (3)
MHL 691 Seminars (9)

Electives and Research (17 credit hours)

Teaching Experience (6 credit hours)
MHL 684 Internship (3)
MHL 691 Topic: Music History Pedagogy (3)

Culminating Experience (12 credit hours)
MHL 799 Dissertation (12)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

As part of the concentration coursework, students take three seminars for three credit hours each. Equivalent courses may be used with preapproval by the student's faculty advisor. No more than six credit hours outside of the School of Music, Dance and Theatre may apply to this requirement.

Teaching experience requirements consist of MHL 691 Music History Pedagogy, in which students examine multiple facets and modalities of teaching music history, and MHL 684 Internship, in which students teach an appropriate undergraduate musicology course as instructor of record, with guidance of the musicology faculty.

Students should see the academic unit for a complete list of approved electives and research courses.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree program. Students entering the program without an earned MA degree will complete the requirements for the Master of Arts in music with a concentration in ethnomusicology or musicology.

Additional information on degree requirements for all graduate music programs may be found on the check-sheets at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U. S. bachelor's degree in music or a graduate degree from an accredited college or university of recognized standing in music history, musicology, ethnomusicology or music theory.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
- School of Music, Dance and Theatre application
- official transcripts
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

The School of Music, Dance and Theatre application must include a curriculum vitae, a two-page personal statement expressing the goal in pursuing this degree and two writing samples: https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply). It's preferable that each of the writing samples be a paper from a course, either an upper-level undergraduate course or a graduate course, or an article or document written by the applicant.

Students should see the program website for application deadlines.

Career Opportunities:

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions. The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

- arts administrator
- community arts advocate
- music and sound art curator
- musicologist
- performing musician
- public or community school teacher
- university professor

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music (Performance), DMA (FAPERFDMA)

Online Degree Search Title: Music Performance, DMA
Campus: Tempe

Program Description:

The DMA in music with a concentration in performance is a professional degree program for advanced musicians who desire high levels of performance instruction and experience as well as preparation for teaching positions at the university level.

Students work with faculty mentors toward achieving a professional level of performance through individual recitals, chamber music, and ensembles including choral, orchestral, jazz, musical theatre and opera ensembles, depending on their area of emphasis.

Performance opportunities both on and off campus further develop the knowledge and abilities necessary to become a leader in a musical community through teaching, performing or arts advocacy. The program provides students the opportunity to work closely with an individual faculty mentor and distinguished guest artists to further enhance musical growth. Students serve as leaders, mentors and models for their younger colleagues in performances, pedagogical experiences and community engagement. The opportunity to collaborate with music scholars, theorists, composers, educators, dancers and theatre artists provides students with the variety of experiences and skills necessary for artistic excellence and leadership.

Additionally, students learn skills that are needed to be a highly successful working musician, including audition preparation, networking, learning organizational strategies, opportunity creation, and developing an entrepreneurial mindset.

Degree Requirements:

90 credit hours, a research paper, a written comprehensive exam and an oral comprehensive exam.

Required Core (4 credit hours)
MUP 727 Studio Instruction (4)

Performance Concentration (24 credit hours)
MUP 727 Studio Instruction (12)
MUP 796 Solo Performance (Recital) (12)

Emphasis Area Coursework (23 credit hours)

Music History and Music Theory (27 credit hours)

Research (12 credit hours)

MUP 792 Research (12)

Culminating Experience (0)
Research paper in the form of a bound document

Additional Curriculum Information
Students select an area of emphasis from the following: piano pedagogy, collaborative piano, instrumental, keyboard, and voice. Emphasis coursework depends on the area selected. Students should work in consultation with their academic advisor in the development of their plan of study.

The performance concentration requires at least three recitals after admission to the program and a research paper. Five recitals are required for the collaborative piano emphasis.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Thirty credit hours from a previously awarded master's degree may be applied toward the 90 credit hour degree requirement with approval from the academic unit and the Graduate College. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Vocalists: Placement tests in both foreign language diction and sight-singing are required upon entry into the program. Students who are judged to be deficient in diction are required to complete and pass a course in advanced diction. Students who are judged to be deficient in sight-singing are required to complete and pass the Musicianship for Singers course.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country. Students seeking admission typically hold a Master of Music degree. Applicants with other degrees are considered if they have received graduate training similar to that normally expected in a Master of Music program.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application, including a resume and personal statement repertoire list:
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • prescreening recording
  • three letters of recommendation
  • teaching demonstration video (piano pedagogy applicants)
  • writing sample (solo piano and piano pedagogy applicants)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After the applicant's complete application materials are received, including recommendation letters, transcripts and English proficiency, and a review has been conducted of prescreening materials, an applicant may be invited for a live audition. Information about the audition may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

Career Opportunities:

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions. The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

- arts administrator
- community arts advocate
- composer for film, video games, television
- music therapist
- performing musician
- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-performance-dma
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music Entrepreneurship (Certificate), Certificate (HIMERTGRCT)

Online Degree Search Title: Music Entrepreneurship (Graduate Certificate)
Campus: Tempe

Program Description:
Music entrepreneurship is a discipline that intersects the traditional music disciplines. Music entrepreneurship harnesses the skills and mindset of the entrepreneur to empower musicians to create work that is meaningful, sustainable and oriented to community and market need.

Students in music and students with a background in music benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
MUP 538 The Enterprising Musician (3)

Electives (9 credit hours)

Internship (3 credit hours)
MSC 584 Internship (3)

Additional Curriculum Information
In consultation with the faculty coordinator, students select three electives based on their interests and goals for the certificate.

Students should review the check sheet on the program website for examples of elective coursework: https://musicdancetheatre.asu.edu/degree-programs/music-entrepreneurship-graduate-certificate-certificate (https://musicdancetheatre.asu.edu/degree-programs/music-entrepreneurship-graduate-certificate-certificate)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in music or related field, from a regionally accredited institution, or can demonstrate a background in music.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- written statement
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa need to first apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants may be admitted to the certificate by submitting a statement of interest outlining their music background and personal goals. Applicants also interview with program faculty to demonstrate their music-related skills.

Career Opportunities:
A certificate in music entrepreneurship can help students enhance the marketable skills they acquire in their major program and help them develop new skills, including marketing, business practices, grant writing, arts administration and fundraising management.

Career examples include:

- arts administrator
- community arts advocate
- performing musician
- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music Learning and Teaching, MM (FAMUSEDMM)

Online Degree Search Title: Music Learning and Teaching, MM
Campus: Tempe

Program Description:
The MM program in music learning and teaching is designed for music educators, teaching artists and music professionals seeking new and expanded opportunities for career development in learning and teaching.

Program flexibility affords students opportunities to customize degree pathways, advance their goals, and develop musical, scholarly and leadership roles in their professional settings. Students in the master's degree program develop their capacity to address pressing issues in music learning and teaching and contribute to professional dialogue.

Students may elect courses in each part of the degree program and may design a course of study that meets their specific interests and needs. The program provides opportunities to study full time, part time (through evening courses), in the summers only, or by combining full-time, part-time and summer study. Full-time students may complete the program in as little as one year. Digital commuting for some courses is available through the ASU Sync platform.

Individuals interested in teacher certification can pursue those requirements concurrently with or separate from master's degree study.

Degree Requirements:
32 credit hours and a written comprehensive exam.

The degree credit requirements are distributed as follows:

music education core (10 credit hours)
musicianship core (10 credit hours)
specialization (12 credit hours)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Six credit hours may be transferred from another regionally accredited graduate institution. Up to nine credit hours may be taken prior to admission.

As part of the portfolio, students also must participate in an oral review that is monitored internally by the academic unit.

Additional information about degree requirements for all graduate music programs may be found on the check sheets. https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program.

All applicants must submit:
  • online graduate admission application and application fee
  • School of Music, Dance and Theatre application (including a resume): https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • three letters of recommendation
  • proof of English proficiency:

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Applications are accepted until all spaces are filled and are reviewed on a rolling basis. Applicants are encouraged to apply as early as possible and should see the program website for more information about application deadlines. To ensure prompt processing of application, applicants should email MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) after submitting an application.

Career Opportunities:
The flexibility of the Master of Music program in music learning and teaching affords students opportunities to customize degree pathways toward multiple kinds of careers while still working as a music educator, teaching artist, or music professional.

Career examples include:

  • arts administrator
  • community arts advocate
  • performing musician
  • public or community school teacher
  • teaching artist
  • worship music leader
  • youth development facilitator

• university professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/music-learning-and-teaching?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music Theory Pedagogy (Certificate), Certificate (HIMTPGRCT)

Online Degree Search Title: Music Theory Pedagogy (Graduate Certificate)
Campus: Tempe

Program Description:
This certificate in music theory pedagogy offers specialized study in music theory to help prepare students to teach undergraduate courses in fundamentals, harmony, musicianship and basic form analysis. Completion of this certificate indicates the student is prepared to offer instruction in basic music theory at the college level.

The certificate is intended to be pursued concurrently with enrollment in a master's degree program or doctoral degree program in the School of Music, Dance and Theatre.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
MTC 525 Pedagogy of Theory (3)

Other Requirement (3 credit hours)
MTC 584 Internship (3)

Electives (9 credit hours)

Additional Curriculum Information
Completion of diagnostic examinations in music history and music theory, administered by the School of Music, Dance and Theatre, is required of all new graduate music students before enrolling in any graduate academic courses towards the certificate program.

Electives are selected with advisor approval from MTC courses in analytical topics. Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Students who are interested in this certificate should email the academic unit prior to submitting an official application, to express their interest in the certificate.

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree in music or music education from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country. Other majors may be considered if applicants submit transcripts showing formal study in music theory and musicianship at least equivalent to what is required of ASU's undergraduate music majors (MHL 140, MHL 341 and MHL 342, MTC 125, MTC 221, MTC 222, and MTC 223). The music theory faculty review transcripts for equivalency. In some cases, course descriptions or syllabi are required to verify equivalency.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in any applicable graduate work.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- samples of work
- statement of interest
- proof of English language proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English score of at least 60

Official transcripts must show a completed bachelor's degree from a regionally accredited institution in the U.S. or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country. Also, if applicable, transcripts showing all coursework in music at the graduate level are required. The committee supervising this certificate program consider an applicant's undergraduate record (and graduate record if appropriate) in music theory, evaluating courses taken and grades received. A minimum GPA of 3.00 in these courses is required. International students applying to this certificate must also be in a degree program at ASU.

Applicants must submit a statement of interest offering reasons for applying to the certificate program and describing their experience and coursework in music theory. The essay should also indicate the applicant's level of piano proficiency (a necessary classroom skill) through a description of their study and their experience in keyboard performance.

Applicants also are asked to show proficiency in music theory by submitting samples of work, such as analytical papers and examples of music writing (harmonic part-writing or counterpoint exercises).

Career Opportunities:

A certificate in music theory pedagogy can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a certificate alone can provide.

Career examples include:

- arts administrator
- performing musician
- public or community school teacher
- university professor

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music Therapy, MM (FAMTHERMM)

Online Degree Search Title: Music Therapy, MM
Campus: Tempe

Program Description:

The MM program in music therapy provides students with graduate-level study in the theory, practice and research of music therapy.

There is a two-year track for those who have completed either the undergraduate music therapy degree or its equivalent and who are board-certified or hold a similar international music therapy credential. Additionally, a three-year track is offered for those who have an undergraduate degree in music but not in music therapy.

The master's degree program fosters an expanded research perspective in music therapy, emphasizing community partnerships and program development with a concentration in the student's area of choice, drawing from a number of possible options. Cognate areas include counseling and counseling psychology, special education, gerontology, social work, audiology and speech-language or other areas of choice from the many options.

Degree Requirements:
33 credit hours including the required applied project course (MUE 586) and a written comprehensive exam, or 33 credit hours, a thesis and a written comprehensive exam, or 63 credit hours including the required applied project course (MUE 586) and a written comprehensive exam, or 63 credit hours, a thesis and a written comprehensive exam.

The degree credit requirements for the two-year track are distributed as follows:

music therapy core (16 credit hours)
other studies in music (8 credit hours)
clinical cognate (9 credit)

Three-Year Track: In addition to the requirements stated above, the three-year track requires 30 credit hours of deficiency coursework for a total of 63 credit hours, including completion of an internship required for certification.

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate-level music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Additional information about degree requirements for all graduate music programs may be found on the check sheets at https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree in music or music therapy from a regionally accredited institution or the equivalent of a U.S. bachelor's or master's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application, including a resume and personal statement:
https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply
(https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply)
  • official transcripts
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency (https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

All applicants are required to perform a live audition or submit an audition recording (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions)). Auditions are scheduled only after complete application materials have been received.

Applicants to the three-year track must complete the prerequisite courses listed below, which are not a part of the coursework for the MM program in music therapy (three-year track) but are required for eligibility to sit for the board-certification exam (www.cbmt.org (http://www.cbmt.org)). These

prerequisites may be taken during undergraduate study, at a community college or other university before beginning the Master of Music program in music therapy (three-year track), during summer sessions at ASU, or online through an accredited institution recognized by ASU. An applicant is eligible to apply to the Master of Music program in music therapy (three-year track) while completing these prerequisites and may finish these courses during the first year in the music therapy program, although this additional work may present a hardship. The prerequisite courses must be completed before a student begins the internship at the end of their first year of study at ASU, unless prior arrangements have been made. Completing the prerequisite courses prior to beginning the Master of Music program in music therapy (three-year track) is highly recommended.

- Introduction to Psychology
- Abnormal Psychology
- Overview of Exceptional Children/Special Education

Applicants should visit the program website for more information on application deadlines. To ensure prompt processing of application, applicants should email MDTAdmissions@asu.edu (mailto:MusicAdmissions@asu.edu) after submitting an application. An in-depth interview emphasizing the applicant's music therapy philosophy, research activities and clinical interests is scheduled after receipt of complete application materials. A phone interview may be arranged.

Career Opportunities:
Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions. The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

- arts administration
- community arts advocate
- music therapist
- performing musician
- public or community school teacher
- university professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/music-therapy?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Narrative and Emerging Media, MA (CSNEMMA)
Online Degree Search Title: Narrative and Emerging Media, MA
Campus: ASU@Los Angeles

Program Description:
In the MA program in narrative and emerging media, students learn how to tell stories that aren't just watched or read --- they're experienced. In under one year, students learn innovative storytelling techniques, explore the emerging media marketplace, connect with the field's top professionals, and develop critical media project management skills.

Through hands-on learning, students explore the entire landscape of emerging immersive media techniques including augmented reality, virtual reality, extended reality, 360 video, animated graphics, short-form digital video and documentary production to tell creative fictional stories or nonfiction journalistic work. Students capture and create content for workflow in multiple industries, and they learn to lead teams of producers, engineers, writers and artists across different technologies. They build business acumen too; central to the program is enhanced insight on research, development and the finance and business models driving the future of emerging media.

Delivered exclusively at ASU's California Center, the program immerses students in a state-of-the-art emerging media hub. The building includes a green screen studio that allows for virtual reality productions and live broadcasts, and a second Planar LCD studio, which allows for immersive film and video shoots. Students learn and work in these spaces to create compelling visual storytelling for client productions and their own passion projects.

Students engage in courses that anchor content creation and project management with communication theory and current case studies, along the way building a cohesive portfolio of professional work aligned with industry standards. Students also network and get critiques from industry professionals whose work may inspire their own. Students who complete the program are well-prepared to leap into creation, production and project management roles across the media industry, or pursue independent work.

Note: This program is not eligible for federal financial aid in Los Angeles.

Degree Requirements:
30 credit hours including the required applied project course (NEM 693).

Required Core (21 credit hours)
NEM 501 Emerging Media (3)
NEM 510 Narrative Development and Pre-Production (3)
NEM 515 Emerging Media Production (3)
NEM 530 Emerging Media Project Management (3)
NEM 550 Diversity and Ethics in Emerging Media (3)
NEM 585 Portfolio (1)
NEM 630 Emerging Media for Clients (3)

Other Requirements (3 credit hours)
NEM 520 AR/VR/XR for Storytelling (3)
NEM 525 Virtual Production for Storytelling (3)
NEM 601 Short Form and 360 Video Production (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
NEM 593 Applied Project (3)

Additional Curriculum Information
NEM 585 is a one credit hour course that must be taken three times, for a total of three credit hours.

Students must complete one course from the Other Requirements list.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Walter Cronkite School of Journalism and Mass Communication and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based TOEFL (iBT).

Global Opportunities:

Global Experience:

Students may use elective slots to participate in applicable study abroad experiences. Students are also encouraged to pursue work globally for their applied projects.

Career Opportunities:

This degree prepares students to thrive in a growing emerging media industry. According to a Burning Glass industry report in tandem with Epic Games (https://www.burning-glass.com/research-project/visualizing-future-3d-skills-workforce/ (https://www.burning-glass.com/research-project/visualizing-future-3d-skills-workforce/)), "Demand for 3D technology skills is growing quickly in the job market --- so quickly, in fact, that demand for these skills is outpacing the growth of the labor market overall." And according to EMSI data, job postings requiring skills in virtual reality are at an all-time high, with more than 13,000 jobs posted in August alone for roles such as advertising specialists and product developers at firms from Facebook to Deloitte.

Graduates are well-suited to careers in AR/VR/XR production, immersive storytelling, journalism and documentary production, and media project management, or to become entrepreneurial storytellers ready to seek funding for their own projects.

Contact Information:

Journalism and Mass Communication, Walter Cronkite School of
The Sidney Poitier New American Film School
https://film.asu.edu/degree-programs/narrative-and-emerging-media?dept=392827&id=1
HEXB 510-512
cronkitegrad@asu.edu
602-496-5555

Performance (Collaborative Piano), MM (FACPIANOMM)

Online Degree Search Title: Piano, Collaborative, MM
Campus: Tempe

Program Description:

The MM program in performance with a concentration in collaborative piano gives students the opportunity to perform with all instrumental areas and voice, focusing on collaborative endeavors such as song recitals, instrumental duos and chamber music, operatic and musical theatre productions, and participation in large ensembles.

Students refine their pianistic technique while developing the specific knowledge and abilities necessary to be skilled and sensitive musical collaborators. Collaborative piano students have an impact on every area of the School of Music, Dance and Theatre, and their work with opera and musical theatre singers, orchestral instrumentalists, choral and large ensembles, composers, theatre artists and dance colleagues leads toward advanced careers in music.

Degree Requirements:

32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (14 credit hours)
MUP 511 Studio Instruction: Piano (4)
MUP 527 Studio Instruction: Collaborative Piano (4)
MUP 588 Collaborative Piano (2)
MUP 596 Solo Performance (2)
MUP 597 Solo Performance (2)

Electives (2-3 credit hours)

Other Studies in Music (11-12 credit hours)
music history (6)
music theory (5-6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Requirements
The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for all graduate music majors may be found on the check sheets posted under each degree: https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of complete application materials. Information about the audition may be found at https://musicdancetheatre.asu.edu/ (https://musicdancetheatre.asu.edu/).

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should email MDTAdmissions@asu.edu for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Applicants should see the program website for application deadlines. After an applicant's completed application materials have been received, including recommendation letters, transcripts and English proficiency, the applicant is confirmed for an audition.

Career Opportunities:
Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music. Career examples for collaborative pianists include:

  • collaborative work in music-related fields such as media production, music business, publishing and marketing
  • performing as a collaborative pianist with singers, instrumentalists, choral ensembles, or large instrumental ensembles
  • pianist for musical theatre or opera productions
  • pianist for music recording and studio work
  • teaching in a private studio or community music program
  • university professor or staff pianist
  • working as a vocal coach

Contact Information:
Design and the Arts, Herberger Institute for

School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/piano-collaborative-mm
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Performance (Conducting), MM (HIPERCOMM)

Online Degree Search Title: Performance (Conducting), MM
Campus: Tempe

Program Description:
The MM in performance with a concentration in conducting presents conductors of orchestras or wind bands with the opportunity to improve their art, craft and scholarship in pursuit of both professional and academic career aspirations. This program is also beneficial for public school teachers of orchestras and wind bands who want to strengthen their skills.

There are three tracks within this concentration.

The wind band track allows conductors to study privately with the director of bands and work closely with other members of the conducting faculty, including the director of athletic bands, to develop their conducting and rehearsal skills.

Podium time is essential for the development of conducting skills; therefore, wind band conductors enjoy significant time leading the ASU Wind Ensemble and Wind Symphony, serving as assistant conductor of the Maroon Band, and co-directing the Gold Band. Another exciting opportunity is the ASU Chamber Winds, a stand-alone graduate-level chamber wind group that the wind band conducting students have the opportunity to work with twice a week.

The orchestral track is designed to meet the needs of the conductor who focuses on orchestral conducting. Required courses are specific to orchestral conducting, and elective courses provide additional opportunities for further orchestral study.

The music direction track is designed to meet the needs of the musical director focusing on musical theatre and opera conducting. Required courses focus on music theatre and opera rehearsal techniques, technical production and repertoire.

Degree Requirements:
32 credit hours including a written comprehensive exam.

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (7 credit hours)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)
Choose from the following for a total of 5 credit hours:
MUE 564 Instrumental Music, Advanced Rehearsal Techniques (3)
MUP 540 Principles of Integrated Conducting (2)
MUP 551 Repertoire: Music Theatre Repertoire (2)
MUP 571 Music Theatre: Workshops (2)
MUP 573 Music Theatre: Performance (1)

Track (9-10 credit hours)

Other Studies in Music (11-12 credit hours)
music history (6)
music theory (5-6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Requirements
Students select a track from the following: wind band, orchestral or music direction. Students should see the academic unit for specific concentration and track course requirements for each track.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework.

Track credit hours may include electives depending on course selections.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for all graduate music majors may be found on the check sheets posted under each degree. https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list): https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • prescreening video
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Information is available at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university, or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Applicants should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and English proficiency requirements, and a review has been conducted of prescreening materials, the applicant may be invited for a live audition. Information about the audition component may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

Career Opportunities:
Musicians with expertise in performing, composing, teaching, researching and arts advocacy and are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions. School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

  • artistic director
  • arts administrator
  • community arts advocate
  • conductor
  • performing musician
  • public or community school teacher
  • university professor

Contact Information:
Design and the Arts, Herberger Institute for

School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-conducting-mm
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Performance (Performance Pedagogy), MM (FAPPEDMM)

Online Degree Search Title: Performance Pedagogy, MM
Campus: Tempe

Program Description:
The MM program in performance with a concentration in performance pedagogy concentrates on the performance and teaching of music with an emphasis on pedagogy.

Students work on their own performance skills while developing the knowledge and abilities to be outstanding teachers in their area through pedagogy classes, observation and teaching in private and group settings.

The opportunity to collaborate with music scholars, theorists, composers, educators, dancers and theatre artists provides students with a foundation for a career as a performer, teacher and musician of the highest level. There is also the possibility of engaging in local and state professional organizations and presenting scholarly research or creative activities through workshops or publications.

Degree Requirements:
32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (6 credit hours)
MUP 527 Studio Instruction (4)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Area of Emphasis (10-11 credit hours)

Other Studies in Music (11-12 credit hours)
music history (6)
music theory (5-6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Requirements
Students select an area of emphasis from the following: instrumental pedagogy, piano pedagogy or voice pedagogy. Students should see the academic unit for specific requirements for the selected area of emphasis.

Area of emphasis credit hours may include electives, depending on course selections.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for all graduate music majors may be found on the check sheets posted under each degree here: https://musicdancetheatre.asu.edu/degree-programs/music/graduate (http://Additional information on degree requirements for all graduate music majors may be found on the check sheets posted under each degree here: https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application, including a resume, personal statement and repertoire list:
https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • three letters of recommendation
  • voice applicants: a prescreening video
  • piano applicants: a teaching demonstration video
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of complete application materials and, when applicable, favorable review of prescreening materials. Information about the audition may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Voice applicants: Students should see the program website for application deadlines. After receipt of complete application materials, including recommendation letters, transcripts and proof of English proficiency, and review of prescreening materials, an applicant may be invited for an audition.

Instrumental and keyboard applicants: Students should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and proof of English proficiency, the applicant will be confirmed for an audition.

Career Opportunities:
School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

  • arts administrator
  • community arts advocate
  • composers for film, video games, television
  • music therapist
  • performing musician
  • public or community school teacher
  • university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/performance-pedagogy-mm
MUSIC E167
mdtadmissions@asu.edu

480-965-5069

Performance (Performance), MM (FAPERF3MM)

Online Degree Search Title: Music Performance, MM
Campus: Tempe

Program Description:
The MM program in performance concentrates on the performance and teaching of music with an emphasis in performance.

Students work with faculty mentors to achieve a professional level of performance through individual recitals; chamber music; and choral, orchestral, jazz, music theatre and operatic ensembles, depending on their area of emphasis. Performance opportunities both on and off campus further develop the knowledge and abilities necessary to become leaders in a musical community through teaching, performing or art advocacy. The opportunity to collaborate with music scholars, theorists, composers, educators, dancers and theatre artists provides students with a broad and well-rounded foundation for advanced careers in music or continued study at the doctoral level.

Additionally, students learn skills that are needed to be a highly successful working musician including audition preparation, networking, learning organizational strategies, opportunity creation, and developing an entrepreneurial mindset.

Degree Requirements:
32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (6 credit hours)
MUP 527 Studio Instruction (4)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Area of Emphasis (10-11 credit hours)

Other Studies in Music (11-12 credit hours)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Requirements
Students select an area of emphasis from the following: instrumental performance, jazz performance, keyboard performance, or multiple woodwinds performance. Students should see the academic unit for specific requirements for the selected area of emphasis.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Area of emphasis credit hours may include electives depending on course selections.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for all graduate music majors may be found on the check sheets posted under each degree: https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list): https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  - official transcripts
  - prescreening video (voice applicants)
  - three letters of recommendation
  - proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency (https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of completed application materials and, when applicable, a favorable review of prescreening materials. Information about the audition may be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Voice Applicants: Students should see the program website for application deadlines. After receipt of completed application, including recommendation letters, transcripts and proof of English proficiency, and review of prescreening materials, an applicant may be invited for an audition.

Instrumental and Keyboard Applicants: Students should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and proof of English proficiency, the applicant is confirmed for an audition.

Career Opportunities:
The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- arts administrator
- community arts advocate
- composers for film, video games, television
- performing musician
- public or community school teacher
- university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music-performance-mm
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Performance (Voice, Music Theatre, Opera), MM (FAMUTPOMM)
Online Degree Search Title: Performance (Voice, Music Theatre, Opera), MM
Campus: Tempe

Program Description:

The MM degree program in voice, music theatre and opera performance provides intensive practical training and performance experience to prepare students for a broad range of professional careers.

In addition to studio voice instruction and advanced work in acting, dance, movement, audition techniques, career skills and vocal coaching, students may study techniques and diverse repertoire in art song, music theatre and opera. Students choose to audition for a degree emphasis in performance, opera or music theatre that guides their course of study and performance opportunities.

Degree Requirements:
32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (8 credit hours)
MUP 527 Studio Instruction (4)
MUP 570 Topic: Advanced Techniques for the Singing Actor 1 (1)
MUP 570 Topic: Advanced Techniques for the Singing Actor 2 (1)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Area of Emphasis (8-9 credit hours)

Other Studies in Music (11-12 credit hours)
music history (6)
music theory (5-6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Students select an area of emphasis from the following: music theatre performance, opera performance or voice performance. Students should see the academic unit for specific requirements for the selected area of emphasis.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Area of emphasis credit hours may include electives depending on course selections.

Additional information on degree requirements for all graduate music majors may be found on the check sheets posted under each degree here: https://musicdancetheatre.asu.edu/degree-programs/music/graduate (https://musicdancetheatre.asu.edu/degree-programs/music/graduate).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee: https://admission.asu.edu/graduate (https://admission.asu.edu/graduate)
  • School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list): https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/music/graduate-steps-to-apply)
  • official transcripts
  • prescreening video
  • three letters of recommendation

• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Students should see the program website for application deadlines. After an applicant's complete application has been received, including recommendation letters, transcripts and proof of English proficiency, and review has been conducted of prescreening materials, the applicant may be invited for a live audition. Information about the audition can be found at https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/graduate-auditions).

Career Opportunities:
The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

• arts administrator
• artistic director
• casting director
• community arts advocate
• performing or touring musician
• private, public or community school teacher
• private voice instructor (independent)
• professional singer
• recording artist
• university professor

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/music/voice?dept=392823&id=1
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Theatre, MA (FATHEAMA)

Online Degree Search Title: Theatre, MA
Campus: Tempe

Program Description:
The MA program in theatre introduces students to graduate study in the field of theatre and performance studies and provides a broad base of knowledge in the areas of history, theory, dramaturgy, research methods and practice.

Students have the opportunity to tailor their plan of study to specific research pathways and artistic subject areas such as performance studies, history and historiography, theory, dramatic writing, theatre for youth, performance as research, technology in performance, drama for teaching and learning, dramaturgy, devising, directing, civic engagement and performance.

The program is designed for those who wish to ultimately enter a doctoral program, for K-12 educators seeking to expand and amplify their expertise, and for those seeking to advance their knowledge of theatre and performance studies.

Degree Requirements:

30 credit hours, a thesis and a written comprehensive exam.

Required Courses (15 credit hours)

Electives (9 credit hours)

Culminating Experience (6 credit hours)
THE 599 Thesis (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- current curriculum vitae
- sample of scholarly writing
- statement of purpose
- three letters of recommendation from professionals familiar with the applicant's work
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should address the applicant's background, experiences, research interests, and future career goals as they relate to their reasons for pursuing the degree program.

Applicants should see the program website for application deadlines.

Career Opportunities:

Professionals with an MA in theatre have successfully been recruited to doctoral programs in theatre, have obtained jobs as teaching artists, and have taught theatre in K-12 settings. Other career examples include:

- creating and forming a theatre company
- creating and producing original devised work
- obtaining highly competitive local and national arts grants and arts residencies
- working within an established arts organization as a teaching artist, program coordinator or event curator

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
mdtadmissions@asu.edu
480-965-4206

Theatre (Arts Entrepreneurship and Management), MFA (HITHEAEMFA)

Online Degree Search Title: Theatre (Arts Entrepreneurship and Management), MFA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MFA program in theatre with a concentration in arts entrepreneurship and management teaches the skills of arts entrepreneurship, arts management and arts marketing within the context of the Master of Fine Arts degree in theatre, also grounding students in theories of performance, community-based arts, and theatre history and literature. Thus, students develop a holistic understanding of the role of arts managers as enablers of art-making.

Students in this program can earn a concurrent certificate in nonprofit leadership and management.

Degree Requirements:
60 credit hours including the required applied project course (THP 693), a practicum and an oral comprehensive exam.

Required Core (15 credit hours)

Concentration (27 credit hours)

Electives or Research (12 credit hours)

Other Requirements (3 credit hours)
THP 680 Practicum (2)
THP 684 Internship (1)

Culminating Experience (3 credit hours)
THP 693 Applied Project (3)

Additional Curriculum Information
Twelve elective credit hours are required for the 60 credit hour Master of Fine Arts. However, if students elect to pursue the NLM certificate concurrently, then they need to take an additional three credit hour elective course in the nonprofit leadership and management program to complete the certificate and degree requirements.

THP 680 is a one credit hour course students are required to take twice.

As part of the applied project requirement, students must submit a written document. An oral defense is also required.

Students should see the academic unit for a complete list of approved electives and required coursework for the core and concentration.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

In addition, the School of Music, Dance and Theatre requires a minimum of 30 undergraduate credit hours of coursework in theatre, film, dance, music, art or business with a minimum GPA of 3.20 overall.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • resume
 • three letters of recommendation
 • sample of critical writing (in lieu of GRE scores)
 • statement of educational and professional objectives
 • sample of entrepreneurial or managerial materials
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from professionals who can speak to the applicant's potential for success in arts entrepreneurship or management.

Examples of a critical writing sample include a term paper or research project.

The sample of entrepreneurial or managerial materials should be indicative of the candidate's potential to succeed as an arts entrepreneur or manager that might include but are not limited to publicity materials, marketing plans, budgets, stage management prompt books, grant proposals or business plans.

Interviews may be conducted on campus or remotely.

Applicants should see the program website for application deadlines and admission terms.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
mdtadmissions@asu.edu
480-965-4206

Theatre (Directing), MFA (FADIRMFA)

Online Degree Search Title: Theatre (Directing), MFA
Campus: Tempe

Program Description:
The MFA in theatre with a concentration in directing is a program for students who demonstrate serious purpose, professional aspirations, theatrical daring and the desire to explore new work in collaborating with playwrights and in the devising and creation process. Respect for fellow artists and a desire to learn about how all the parts fit together are essential qualities in the successful candidate and the successful director.

Students are introduced to varied critical viewpoints from select artists and scholars. A hands-on, mentor-student approach is emphasized, with the intent of developing the skill, artistry and communication skills required to be an excellent professional director.

Degree Requirements:
60 credit hours including the required applied project course (THP 693).

This is a three-year program culminating in an applied project. Practical directing and directing classes are approximately 50% of the coursework. Classes also include:

- acting (viewpoints and composition)
- assistant directing for a professional or faculty director working on the main stage
- design collaboration
- devising methodologies
- directing the new play
- dramatic theory and criticism
- dramaturgy
- performance technology
- projects in community-based drama
- re-envisioning
- research methods
- theatre for social change
- theatre history and literature

MFA directors will direct a new work every year. Major assignments may include:

- creating and directing an adaptation of an existing work
- directing a new play by a Master of Fine Arts playwright
- directing one applied project in the Theatre or Music Theatre season
- guiding an ensemble in the devising process and directing the resulting devised piece

Directing faculty mentor all student projects. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional internship is required for each Master of Fine Arts director.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- current resume
- written directorial approach to a play selected by the reviewing committee
- three letters of reference from professionals familiar with the student's work
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A personal interview is required. Interviews via phone, video conference or campus visit are available by appointment.

The MFA in theatre with a concentration in directing recruits every three years. The next round of applications will be accepted in January 2024 for Fall 2024. Interested students should check back for updates.

Students should see the program website for application deadlines and admission terms.
https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply)

Career Opportunities:
Professionals with a Master of Fine Arts in directing have obtained a variety of creative roles within the arts including directing professionally, starting theatre companies, working within established theatres and arts organizations, and building entrepreneurial ventures that bridge the arts with other sectors.

Career examples include:

- creating entrepreneurial ventures that bridge the arts with other sectors of society
- creating and producing original devised theatres for festivals or communities
- directing professionally at established theatres
- teaching in a variety of contexts from adjunct, visiting faculty, and professor of practice to tenure-track professor
- working as a teaching artist at a public or community school

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
mdtadmissions@asu.edu
480-965-4206

Theatre (Dramatic Writing), MFA (FADRWRTMFA)
Online Degree Search Title: Theatre (Dramatic Writing), MFA
Campus: Tempe

Program Description:
The concentration in dramatic writing under the MFA in theatre includes coursework in playwriting, screenwriting, historical studies in theatre, dramatic theory, directing new work, literary management, electives and related topics such as writing for solo performance, storytelling, devising and collaborative writing.

The School of Music, Dance and Theatre supports the production of new plays and performance works written by its Master of Fine Arts students. Student-written work is included in the Theatre Labs and is considered for main stage productions.

Degree Requirements:
60 credit hours including the required applied project course (THP 693).

Required Core (27 credit hours)
THE 500 Research Methods (3)
THE 504 Studies in Dramatic Theory and Criticism (3)
THE 520 Theatre History and Literature (3)
THP 560 Dramatic Writer's Workshop (15)
THP 561 Scripts in Progress (3)

Concentration (9 credit hours)
THE 562 Dramaturgy Workshop (3)
THP 520 Directing the New Play (3)
THP 598 Special Topics (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)
THP 693 Applied Project (6)

Additional Curriculum Information
As part of the electives coursework, students have the option to complete an internship (THP 684) for three credit hours.

Students should see the academic unit for a complete list of approved electives and they should consult the degree check sheet.
https://musicdancetheatre.asu.edu/degree-programs/theatre-dramatic-writing-mfa (https://musicdancetheatre.asu.edu/degree-programs/theatre-dramatic-writing-mfa)

The applied project is the writing of a thesis play, which is to be developed as one of the following: a full production on the school's main stage, a staged reading, or a workshop production.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in theatre or in creative writing from a regionally accredited institution. An applicant may have an undergraduate degree outside of theatre and may be admitted on the basis of excellent creative writing and academic work. Deficiencies in undergraduate preparation may be removed while pursuing the MFA degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- current resume
- statement of career goals, including writing endeavors or interests
- manuscript sample of either a full-length play (60 pages or more) or a series of one-act plays (30 pages minimum)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Professionals with an Master of Fine Arts in dramatic writing regularly have their work produced at festivals, staged readings and theatres across the country. They have obtained highly competitive artist residencies and awards for their work. Some have had their plays published.

Career examples include:

- publishing plays
- readings and full productions of work at theatre festivals
- teaching in a variety of contexts from adjunct, visiting faculty, and professors of practice

- working at an established arts organization in a variety of roles
- working as a teaching artist
- work produced and staged professionally at established theatres and venues

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
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480-965-4206

Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)

Online Degree Search Title: Theatre (Interdisciplinary Digital Media), MFA
Campus: Tempe

Program Description:
Digital media as a way of making and thinking about art and experience is a growing importance in society today. Courses combined with research activities prepare students to become sophisticated developers, makers, evaluators and entrepreneurs of digital media while at the same time completing a sequence of core courses in theatre.

This graduate program is offered through the School of Music, Dance and Theatre in collaboration with the School of Arts, Media and Engineering.

Degree Requirements:
60 credit hours including the required applied project course (THP 693).

Core School of Arts, Media and Engineering courses, to be selected in consultation with each student's School of Arts, Media and Engineering graduate advisor (minimum of 18 credit hours)

Research and applied project (15 credit hours)

Core courses in theatre theory, history and practice (27 credit hours)

The overall course of study is developed with the advisor to ensure a breadth of transdisciplinary knowledge.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee.
- official transcripts
- current resume
- statement of purpose
- portfolio that supports the statement of purpose
- academic writing sample from a previous degree, independent work or publication
- three letters of recommendation from professionals familiar with the applicant's work
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the applicant's background in theatre and interest in and suitability for work in the intersection of theatre and digital media.

Applicants should thoroughly review application deadlines and requirements on the Music, Dance and Theatre department website:

https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply)

Applicants should see the program website for application deadlines but should note that for financial aid purposes, the School of Arts, Media and Engineering deadline is February 1.

Career Opportunities:
Graduates are prepared to work in a variety of settings and industries including interactive and experience design, themed entertainment, higher education, event design, professional theatre companies and community arts organizations.

Graduates from this program have a very high rate of early career placement, and alumni have gone on to a diverse array of positions, including tenured and tenure track positions at research universities, lead technicians for Cirque du Soleil, designers and technicians for Obscura Digital and similar companies, projection department heads at major regional theatres, and freelance designers from Korea to Broadway.

Career examples include:

- AR/VR/XR designer
- digital media artist or designer
- digital media arts educator or professor
- digital media composer
- interactive media designer
- interactive performance artist
- media technician
- performance designer

Contact Information:
Design and the Arts, Herberger Institute for
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https://musicdancetheatre.asu.edu
GHALL 212
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480-965-4206

Theatre (Performance Design), MFA (FAPERDMFA)

Online Degree Search Title: Theatre (Performance Design), MFA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
ASU offers a strenuous and innovative MFA program in theatre with a concentration in performance design that focuses on a nontraditional approach to design training in preparation for the theatrical design challenges of the future. The design student works with an ensemble of designers, directors and performers to create new projects that redefine the role of the traditional designer.

Skills for approaching and creating new work include:

- design applications in multimedia
- development of artistic entrepreneurship and integrity
- drafting and computer imaging
- new work development

Performance design students work in multiple venues, including the 481-seat Galvin Playhouse, 164-seat Lyceum Theatre, two studios and one experimental space. In addition, students work in the shops, a design studio and a computer-imaging lab.

Admission to the directing, performance and performance design concentrations is cohort-based.

Degree Requirements:
60 credit hours including the required applied project course (THP 693).

This is a three-year program culminating in an applied project. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional internship is required and can be fulfilled anytime after the

first year of study. Students conclude with an applied ensemble design project suited to their needs and interests.

The first year is dedicated to creating an ensemble as well as honing the skills needed to visually communicate ideas to a director and audience. The second year concentrates on new work development that culminates in a tour. This year also concentrates on strengthening design abilities. The third year serves as a bridge between the educational and professional theatre and the communities they serve.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• academic writing sample
• current resume
• portfolio of 10 samples of visual work to be presented at interview
• three letters of recommendation from professionals familiar with the student's work
• written statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants also are required to do an interview.

Students are admitted to this program every three years, forming a cohort with their colleagues in the other Master of Fine Arts programs in theatre practice.

Students should see the program website for application deadlines and admission terms.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
mdtadmissions@asu.edu
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Theatre (Performance), MFA (FAPERFMFA)
Online Degree Search Title: Theatre (Performance), MFA
Campus: Tempe

Program Description:
The MFA program in theatre with a concentration in performance focuses on cultivating the actor-creator and fostering the conceptual thinker and collaborator by teaching students to develop and create original devised works and developing their skills as artist entrepreneurs. Innovative performance applications in multimedia and transdisciplinary collaboration are informed by artistic integrity and social responsibility.

The school offers multiple approaches to devising and new work development:

• Fitzmaurice voicework
• Lecoq training
• new play development
• performance technology
• Rasaboxes
• solo and collaborative performance
• various devising methodologies
• Viewpoints

In addition to core physical and vocal training, the program offers undergraduate-level teaching opportunities, funding for national and international conference travel, and career development internship opportunities.

During the third year of study, candidates conduct professional career development internships. In the past, students have completed internships at:

- Childsplay, AZ
- Cleveland Playhouse
- Dah Theatre, Belgrade, Serbia
- North Coast Rep
- One Yellow Rabbit
- SITI Company
- Synetic Theatre
- The Actor's Gang (Los Angeles)
- Theatre L'Homme Dieu
- Victory Gardens

Degree Requirements:
60 credit hours including the required applied project course (THP 693).

This is a three-year program culminating in an applied project.

The first year is dedicated to intensive movement; acting and Fitzmaurice voice training; and ensemble-building and devising with a focus on Lecoq, Rasaboxes, Viewpoints and Meisner.

Second-year training provides opportunities for students to explore their work in a wide range of performance modalities such as community-embedded drama, solo performance, performance and technology, and devising original work. Performers collaborate with the MFA designers, directors and playwrights to devise a new scripted performance for the mainstage season.

The third year culminates in an applied performance project, serving as a bridge between the educational and professional worlds and the communities they serve.

Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional career development internship is required.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- current resume
- statement of purpose
- academic writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from professionals familiar with the student's work.

Students are admitted to this program every three years, forming a cohort with their colleagues in the other Master of Fine Arts programs in theatre practice.

Applicants need to do an interview either on campus or at one of the university or resident theatre association sites.

Students should see the program website for application deadlines and admission terms.

Career Opportunities:
Professionals with a Master of Fine Arts in performance have successfully obtained tenure-track jobs in movement, voice, acting and devising as well as post-graduate fellowships, visiting faculty positions and adjunct faculty positions at prestigious colleges and universities across the country.

The program builds skills for creating one's own theatre and theatre company and several of the program's graduates have successfully created their own theatre companies. Several graduates have become professional actors working in regional and professional theatres as well as joining established theatre companies or work within an established theatre company as teaching artists, program coordinators and event curators.

Career examples include:

- creating and forming a theatre company
- creating and producing original devised work
- obtaining highly competitive local and national arts grants and arts residencies
- obtaining tenure-track jobs in acting, voice and movement
- obtaining visiting faculty and adjunct faculty positions
- performing and touring with established theatre companies
- presenting work at national and international conferences
- publishing articles and books that impact the field
- working within an established arts organization as a teaching artist, program coordinator or event curator

Contact Information:
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https://musicdancetheatre.asu.edu
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Theatre (Theatre for Youth and Community), MFA (FAYOUTHMFA)

Online Degree Search Title: Theatre (Theatre for Youth and Community), MFA
Campus: Tempe

Program Description:
The internationally recognized theatre for youth and community MFA program features distinguished faculty, excellent facilities, comprehensive coursework and practical experiences in all areas of theatre, educational theatre, community cultural development and theatre for youth. The faculty provide students individualized attention and focused mentorship in a challenging and supportive atmosphere designed to prepare students for teaching, art making and community engagement.

Degree Requirements:
60 credit hours including the required applied project course (THP 693), a written comprehensive exam and an oral comprehensive exam.

This is a three-year program.

Required core courses are supplemented by elective courses in an emphasis area which are focused on preparation for suitable career paths and options. An internship with a professional theatre company, school or arts organization and a final applied project complete the program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- current curriculum vitae
- statement of purpose
- work sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should thoroughly review application deadlines and requirements on the department's website: https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply).

A highly competitive program, this degree accepts only a small number of students each year in order to provide highly individualized attention.

The statement of purpose should clearly explain the applicants aesthetic and educational philosophies and future career goals. After reading the statement, the faculty should understand not only the applicant's current passions but also why the theatre for youth and community program at ASU would be an appropriate fit to meet the student's educational, practical and scholarly goals. The program accepts thoughtful, well-informed artists, scholars, educators and citizens.

The three letters of recommendation should be from professionals familiar with the applicant's work.

Career Opportunities:
Graduates are prepared to be engaged and innovative leaders in a variety of careers in diverse settings and industries, including:

- arts entrepreneurship
- community arts
- elementary, secondary and tertiary education systems
- professional theater
- youth theater

Examples of careers include:

- activist
- director
- facilitator
- organizer
- practitioner
- specialist
- teacher

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
mdtadmissions@asu.edu
480-965-4206

Theatre (Theatre for Youth and Community), PHD (FAYOUTHPHD)

Online Degree Search Title: Theatre (Theatre for Youth and Community), PhD
Campus: Tempe

ASU is not currently accepting applications for this program. The next round of applications will be accepted in January 2023 for Fall 2023. Interested students should check back for updates.

Program Description:
The internationally recognized PhD program in theatre with a concentration in theatre for youth and community at ASU features distinguished faculty, excellent facilities and comprehensive coursework, research guidance, and practical experiences in all areas of theatre, educational theatre, community cultural development and theatre for youth.

Students receive individualized attention and focused mentorship in a challenging and supportive atmosphere designed to educate future leaders and researchers in the field.

Degree Requirements:
90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (30 credit hours)

Research (12 credit hours)
THE 792 Research (12)

Research Methodology (6 credit hours)

Culminating Experience (12 credit hours)
THE 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

In meeting these requirements, students, with the advice of the supervisory committee, may select theatre courses in areas such as community-based theatre, theatre education, theatre for social change, theatre history, theatre theory and criticism, and tutorial courses.

Students also may take courses outside the School of Music, Dance and Theatre in areas such as aesthetic theory, area studies, children's literature, critical and cultural studies, educational theory and methodology, languages and literatures, arts education, policy research and democracy studies.

Research methodology coursework is chosen in consultation with the supervisory committee. Where appropriate, the supervisory committee may approve certification of literacy in a foreign language as meeting the research methodology requirement. This approval is granted only in those circumstances wherein fluency in that language is necessary for the dissertation research.

Additional Curricular Requirements:

  • ongoing reviews of a student's performance in courses and development of research skills, artistic skills and teaching competencies conducted by the supervisory committee at the end of each semester
  • comprehensive examinations composed of written and oral components centering on theatre history, literature and criticism, theatre for youth and theatre education and the research area
  • dissertation developed from an approved prospectus, based on original research work of high quality, demonstrating proficiency in the student's special field and adding new knowledge

All activities are selected to help students meet the goals of the program and develop the capability of becoming leaders in the field.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in theatre or education from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • curriculum vitae
  • sample of scholarly writing
  • statement of purpose
  • three letters of recommendation
  • proof of English proficiency

An interview is optional.

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

For the statement of purpose, applicants should cogently explain their research, educational philosophies and future career goals. After reading these statements, the PhD faculty should understand not only their current passions, but also why the theatre for youth and community program at ASU would be an appropriate fit to meet their educational, philosophical and scholarly goals.

Three letters of recommendation from professionals familiar with the applicant's work should address, specifically, the applicant's potential for success in a doctoral program.

Applicants should thoroughly review application deadlines and requirements on the school's website: https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply).

Career Opportunities:

Graduates are prepared to be engaged and innovative leaders in a variety of careers in diverse settings and industries, including:

- arts entrepreneurship
- community arts
- elementary, secondary and tertiary education systems
- professional theater
- youth theater

Examples of careers include:

- activist
- director
- facilitator
- organizer
- practitioner
- specialist
- teacher

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 12
mdtadmissions@asu.edu
480-965-4206

Theatre (Theatre/Performance Americas), PHD (FAPERAMPHD)

Online Degree Search Title: Theatre (Performance America), PhD
Campus: Tempe

ASU is not currently accepting applications for this program. The next round of applications will be accepted in January 2023 for Fall 2023. Interested students should check back for updates.

Program Description:

The PhD in theatre with a concentration in theatre and performance of the Americas trains scholars to examine the histories, theories and practices associated with cultural performance from a hemispheric point of view.

Through coursework, seminars, research and study opportunities, doctoral students work from diverse critical perspectives that mobilize thought across geographical and disciplinary borders. They develop skills to reexamine and interrogate the canon of theatre as text and as performance, expanding the traditional boundaries of theatre studies in two ways: via a perspective that considers the shared histories and practices of theatre and performance in the Americas as central to an intervention in traditionally narrated histories and theories of theatre; and via the methodologies of cultural and performance studies that accommodate other forms of embodied expression related to but distinct from formal theatrical expression.

The course of study is designed to provide substantive historical and theoretical grounding in the field while allowing flexibility in specialized seminar and practical experiences. The first year of study immerses students in the theoretical and practical groundwork of performance research in general, and in modalities of performance in the Americas in particular. In the second year, students build on research interests identified in the first year through specialized coursework and practical experience.

Degree Requirements:

90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

Electives (12 credit hours)

Research (12 credit hours)
THE 792 Research (12)

Culminating Experience (12 credit hours)
THE 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Two of the elective courses must come from outside the school, and they must be approved by the supervisory committee.

In meeting these requirements, students, with the advice of the supervisory committee, may select theatre courses in areas such as community-based theatre, dramaturgy, theatre for social change, theatre history, theatre theory and criticism, and related topics seminars.

Students also may take courses outside the School of Music, Dance and Theatre in areas such as critical and cultural studies, area studies, languages and literatures, and aesthetic theory. All activities are selected to help students meet the goals of the program and develop the capability of becoming leaders in the field.

Preliminary Reviews:
Reviews of the student's performance in courses and development of research skills, artistic skills and teaching competencies are conducted by the supervisory committee at the end of each semester.

Comprehensive Examinations:
Examinations are comprised of written and oral components centering on theatre history, literature and criticism, theatre and performance of the Americas and the research area.

Dissertation Requirements:
A dissertation based on original high-quality research work demonstrating proficiency in the student's special field is required.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in a relevant area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's program and a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • curriculum vitae
  • sample of scholarly writing
  • statement of purpose
  • three letters of recommendation from professionals familiar with the student's work
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should address the student's background and experiences as they relate to the student's reasons for pursuing the doctorate, and it should describe the student's research interests and indicate future career goals.

An interview is strongly recommended.

Students should see the program website for application deadlines. https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply (https://musicdancetheatre.asu.edu/admissions/theatre/graduate-steps-to-apply)

Career Opportunities:
Many alums with a doctoral degree in theatre and performance of the Americas go on to teaching and research positions in higher education, while some have chosen careers in arts and culture organizations where their expertise in curation and dramaturgical framing of artistic work finds expression. There is also a strong record of article and book publications that represent significant contributions to the field.

Career examples include:

- post-graduation fellowships at prestigious universities
- tenure-track jobs
- visiting faculty positions
- working within an established arts or cultural organization in a variety of positions

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu
GHALL 212
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480-965-4206

Urban Design, MUD (ARMUDMUD)

Online Degree Search Title: Urban Design, MUD
Campus: Tempe

Program Description:
The MUD is a transdisciplinary post-professional graduate program in The Design School which provides students with actionable knowledge of urban systems that enables them to lead socially just urban transformations for community resilience.

Students study and apply newly emerging design knowledge from architecture, landscape architecture, creative placemaking and keeping, urban planning, community development, civil engineering and real estate development. Students also draw from critical works in nondesign disciplines including climate science, social justice, sustainability science, urban ecology, urban climate, smart city, law, and systems theory.

Program studio projects are run as service-learning studios whenever possible. This approach partners students with cities and communities to exchange knowledge and learn from each other. Recent studio topics have covered the climate crisis, urban watershed design, indigenous design knowledge and practice, social justice, community health, the integration of wildlife corridors in compact urban development, and smart city approaches to rapid technological change.

The Master of Urban Design curriculum is built around the analysis and understanding of these dynamic urban systems specific to rapidly urbanizing and arid regions of the world. The program leverages a number of local factors --- the rapidly expanding Phoenix metropolis, the arid climate and the area's cultural diversity --- in the development of responsible global initiatives and innovative design strategies for urban environments.

This program addresses the urban design transformations that are needed in order to build just, sustainable and resilient communities that can address a multitude of crises.

Degree Requirements:
36 credit hours including the required applied project course (MUD 593).

Required Core (10 credit hours)
MUD 521 Advanced Urban Design Studio I (5)
MUD 522 Advanced Urban Design Studio II (5)

Electives (9 credit hours)

Other Requirements (12 credit hours)
LAP 598 Topic: Smart City Sustainability and the Environment (3)
MUD 598 Topic: Great Cities (3)

MUD 598 Topic: Principles of Collaboration in Design (3)
MUD 598 Topic: Urban Issues (3)

Culminating Experience (5 credit hours)
MUD 593 Applied Project (5)

Additional Curriculum Information
Students should see the academic unit for an approved design professional elective list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • portfolio
  • letter of intent
  • two references
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS.

Other information for international applicants can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Applicants who hold a studio-based four-year undergraduate design degree will be considered for the one-year MUD program. The Master of Urban Design is a postprofessional program.

Applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU in a studio-based design discipline.

The portfolio, letter of intent and contact information for three references need to be submitted to SlideRoom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to the graduate admission application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

Applicants may be admitted to the one-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. This may cause the student to take longer than one year to complete the program.

A personal interview is not required; however, a candidate wishing to visit the school is welcome, and the candidate should make arrangements by contacting the department.

Career Opportunities:
Alumni of the Master of Urban Design have found careers with nationally recognized urban design firms, within public municipalities and agencies in the United States and abroad, and with nonprofit organizations.

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu
CDN 162

designgrad@asu.edu
480-965-3536

Visual Communication Design, MVCD (HIVCDMVCD)

Online Degree Search Title: Visual Communication Design, MVCD
Campus: Tempe

Program Description:
The MVCD is a studio-based degree program.

Students in this program work on strategic visual communication design projects with a focus on visual design communication proposals as well as related practices that improve human experiences, enhance interaction with technology, increase business value, and speculate critically about social issues. Students engage in visual and theoretical research, ideation, visualization, prototyping and testing of creative solutions that address critical problems faced in the contemporary designed world.

Graduates of this program are adept in working with principles of visual communication design, emotional intelligence, and systems thinking in problem identification and its appropriate contextual solutions.

Degree Requirements:
60 credit hours including the required capstone course (GRA 622).

Required Core (43 credit hours)

Electives (6 credit hours)

Other Requirement (6 credit hours)
GRA 581 Internship in Teaching Design (3)
GRA 584 Internship (3)

Culminating Experience (5 credit hours)
GRA 622 Advanced Visual Communication Design Studio IV (5)

Additional Curriculum Information
The Master of Visual Communication Design program includes sequential studio courses. Requirements involve an average of 14 credit hours per semester. A summer internship is required during the summer prior to the final year.

The three-plus-year program adds the following requirement to the plan of study: deficiency courses (42 credit hours).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Students should see below for information on the qualifications for a two-year program of study or a three-plus-year program of study.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • additional required application items submitted to SlideRoom (see below)
 • two letters of reference
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Additional information can be found at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

A portfolio, letter of intent, resume, and contact information for three references need be submitted to SlideRoom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)). The Design School requires that these be submitted in

addition to the Graduate College application requirements.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission Requirements to the Two-Year Program
All applicants must have completed a minimum of a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing in visual communication design or graphic design, or other design discipline, or have significant experience in design demonstrated with a portfolio where visualization and visual communication skills are presented.

Admission Requirements to the Three-Plus-Year Program
All applicants must have earned a bachelor's degree or equivalent in a field other than in visual communication design or graphic design, or no significant experience in visual communication or graphic design.

Applicants may be admitted to the two-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. This may cause the student to take longer than two years to complete the program.

Career Opportunities:
Graduates pursue professional practice in visual communication, experience design and strategic design as well as in academia. Career opportunities include:

- creative lead
- design critic
- design futures professional
- design manager
- design researcher
- experience designer
- interaction designer
- senior visual communication designer
- service designer
- social designer
- strategic designer
- UX designer
- visual design consultant
- visual sense-maker

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu
CDN 162
designgrad@asu.edu
480-965-3536

Engineering, Ira A. Fulton Schools of

Aerospace Engineering, MS (ESAEROSPMS)
Online Degree Search Title: Aerospace Engineering, MS
Campus: Tempe

Program Description:
The MS program in aerospace engineering prepares engineers for doctoral study or industrial positions specializing in research, project management and product innovation in aerospace engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport

phenomena; thermodynamics; and energy.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Aerospace Engineering (Aeronautics), BSE
> Aerospace Engineering (Astronautics), BSE
> Aerospace Engineering (Autonomous Vehicle Systems), BSE
> Mechanical Engineering, BSE
> Mechanical Engineering (Computational Mechanics), BSE
> Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (MAE 593).

Major Area of Emphasis (12 or 15 credit hours)

Technical Electives (6 or 9 credit hours)

Mathematics (6 credit hours)

Culminating Experience (0 to 6 credit hours)
MAE 593 Applied Project (3) or
MAE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of courses at the 500 level and above, with a minimum cumulative GPA of 3.00 or above.

Students completing a portfolio for the culminating experience must complete at least 15 credit hours of graduate MAE coursework (500 level and above) for the major area of emphasis requirement. An additional three credit hours of elective coursework, for a total of nine credit hours, is also required.

Coursework for the major area of emphasis is restricted to MAE coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a minimum score of 80 on the internet-based

TOEFL regardless of current residency.

Admission to the aerospace engineering graduate program is highly competitive.

Admission to the 4+1 degree program requires an ASU GPA of 3.50 (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Career Opportunities:
Professionals with a master's degree in aerospace engineering have strong opportunities at most levels in aerospace engineering in research, design and manufacturing at companies of all sizes as well as national laboratories (DOE, DOD, NASA). Analytical skills learned in aerospace engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/aerospace-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Aerospace Engineering, PHD (ESAERSPPHD)

Online Degree Search Title: Aerospace Engineering, PhD
Campus: Tempe

Program Description:
The PhD program in aerospace engineering emphasizes original research and provides students with a strong background for employment by academic institutions, government laboratories and industrial research laboratories with a focus on aerospace engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy. Modern computational and laboratory facilities are available to support timely research investigations.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

All students pursuing the doctorate are required to pass both a qualifying and a comprehensive examination administered by the program committee. In addition, the following are required:

coursework directly related to the research area (18)
mathematics (9)
graduate courses outside the major research area (9)
MAE 792 Research
MAE 799 Dissertation credit hours (12)

Students in the doctoral program who have not completed an MS degree previously will be allowed to apply for a Master of Science in Passing after successfully completing the comprehensive exams.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from an accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a minimum of score of 80 on the internet-based TOEFL regardless of current residency.

Admission to the aerospace engineering doctoral program is highly competitive and preferred applicants have an undergraduate or master's degree in aerospace engineering or mechanical engineering. The admission process considers all aspects of the student's application. The typical successful applicant has a cumulative GPA of at least 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and has high GRE and TOEFL scores.

Career Opportunities:
Professionals with a doctorate in aerospace engineering have strong opportunities at all levels in aerospace engineering in research, design and manufacturing at companies of all sizes as well as national laboratories (DOE, DOD, NASA). Analytical skills learned in aerospace engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/aerospace-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Applied Ethics and the Professions (Ethics and Emerging Technologies), MA (LAAEPEETMA)

Online Degree Search Title: Applied Ethics (Ethics and Emerging Technologies), MA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The MA program in applied ethics with a concentration in ethics and emerging technologies examines ethical challenges posed by emerging technologies, including nanotechnology, neurotechnology, biotechnology, robotics, and advanced information and communication technology. Not only are these technologies being developed at an unprecedented pace, they also share several unique characteristics, including system complexity, social embeddedness and the potential to converge with one another.

Emerging technologies are changing how humans live and work and have the potential to alter the very nature of human existence. Challenges considered by courses in the program include emerging technologies and public policy, ethical responsibilities of professionals engaged in development of emerging technologies, promise and perils of emerging technologies, and whether traditional ethical concepts and processes can and should be applied to emerging technologies.

Degree Requirements:
30 credit hours including the required applied project course (AEP 593).

Required Core (6 credit hours)

Concentration (3 credit hours)

Elective (15 credit hours)

Culminating Experience (6 credit hours)
AEP 593 Applied Project (6)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• official GRE scores sent directly to Graduate Admission Services
• statement of interest in applied ethics and career goals
• three letters of recommendation

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency by meeting the Graduate College English proficiency requirements regardless of current residency.

Applicants required to demonstrate English proficiency and who are seeking a teaching assistantship must demonstrate proficiency in spoken English; a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Envirnmt
https://graduate.engineering.asu.edu/
ECG 251
sebe.advising@asu.edu
480-965-0595

Biological Design, MS (ESBDEMS)

Online Degree Search Title: Biological Design, MS
Campus: Tempe

Program Description:
Students pursuing the MS degree in biological design are trained in the continuum between technology and biology by participating in a flexible training program that requires students to take one program core course (Principles of Biological Design), one course from a suite of biotechnology courses, and one from a suite of statistics courses. The flexibility of this program, while maintaining key instructional structure, allows students from both traditional and non-traditional engineering backgrounds to have access to training and mentoring simultaneously in both engineering and technology with a biological focus. This allows students from diverse backgrounds to have access to transdisciplinary education and training that they would not have in traditional program settings.

As part of coursework and applied projects or theses, students read literature; identify critical problems related to energy, environment, human health, sustainability and security; and develop solutions to these problems using a synergy of technological and biological solutions, either in teams (course projects) or individually (thesis or applied project). Students are mentored by faculty from different colleges and schools at ASU.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (BDE 593).

Required Core (3 credit hours)

BDE 502 Biological Design II (3)

Statistics (3 credit hours)
CHE 598 Topic: Six Sigma Methodology/Engineering Experimentation (3)
IEE 572 Design Engineering Experiments (3)
IEE 578 Regression Analysis (3)
IEE 670 Mathematical Statistics (3)

Biotechnology (3 credit hours)
BME 598 Topic: Bioenergy and Microbial Biotechnology (3)
BME 598 Topic: Cellular and System Modeling (3)
BME 598 Topic: Chimeras and Recombinant Organisms in Medicine (3)
CEE 565 Advanced. Environmental. Biotechnology (3)
CEE 567 Environmental Microbiology (3)
CEE 598 Topic: Bio-inspired Design (3)
CHE 579 Microbial Bioprocess Engineering (3)
CHE 598 Topic: Nanobiotechnology (3)
CHE 598 Topic: Synthetic Biology and Metabolic Engineering (3)

Electives (12 or 15 credit hours)

Other Requirements (3 credit hours)
BDE 591 Seminar (3)

Culminating Experience (3 or 6 credit hours)
BDE 593 Applied Project (3)
BDE 599 Thesis (6)

Additional Curriculum Information
BDE 591 Seminar is a one credit hour course to be taken in three semesters. This course may be substituted with the academic unit's approval.

Students select electives in consultation with their advisor. Students completing the applied project for the culminating experience must complete 15 credit hours of electives, and students completing the thesis option take 12 credit hours of electives.

Students must complete three credit hours for each requirement in statistics and in biotechnology from the courses listed. If approved by the academic unit, courses may be substituted with an appropriate alternative.

Coursework selected as part of the statistics or biotechnology requirements may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering. Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field, including physical sciences, biological sciences, and engineering from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants whose native language is not English are required to achieve a minimum score of 90 on the TOEFL iBT.

The application process is very competitive and candidates are strongly encouraged to adhere to all priority deadlines.

Career Opportunities:

The master of science program in biological design trains a new type of student at this very interface, with cutting-edge skills at the continuum spanning technology and biology. It is anticipated that graduates will find placement in the broader biotechnology industry including biopharmaceutical processing, biomanufacturing, sustainable biotechnology, and food and agribusiness industries. Some graduates will likely pursue careers in entrepreneurship (e.g. start-up companies), law (e.g. patent law), regulatory affairs and medicine.

Career examples include:

- clinical laboratory technologists
- environmental engineers
- environmental scientists and specialists
- epidemiologists
- health and safety engineers
- microbiologists

Contact Information:
Engineering, Ira A. Fulton Schools of
School for Engineering of Matter,Transport & Enrgy
https://semte.engineering.asu.edu/
ECG 202
semte@asu.edu
480-965-2335

Biological Design, PHD (GCBDSPHD)
Online Degree Search Title: Biological Design, PhD
Campus: Tempe

Program Description:
The PhD program in biological design seeks to develop a new type of scientist by training students in core disciplines related to biomedicine and biotechnology while simultaneously preparing them to participate successfully in the interdisciplinary research teams of the future.

The research emphasis is on projects that are use-inspired, contributing directly to solutions for important societal challenges. This is a highly mentored program of personalized study that provides significant interaction with the large and vibrant local research community.

There are four key distinguishing features of the curriculum: a personalized plan of study that allows students to explore the disciplinary and interdisciplinary areas of greatest interest; encouragement to choose dissertation research projects that are use-focused, contribute to solving a large-scale challenge and promise rich transdisciplinary experiences; opportunities to participate in a proseminar format to encourage broad research interactions and discuss problems and challenges in biological design research; and three 10-week laboratory rotations during the first year of study. Rotations can be in any ASU laboratory that is centered largely on biological research.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
BDE 702 Fundamentals of Biological Design II (3)

Other Requirements (2 credit hours)
BDE 598 Special Topics: Biological Design Seminar (1)
BDE 791 Seminar: Biological Design Proseminar (1)

Electives and Research (67 credit hours)

Culminating Experience (12 credit hours)
BDE 799 Dissertation (12)

Additional Curriculum Information
Other requirements courses may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Three letters of recommendation relative to the candidate's academic career are required. The personal statement should reflect the candidate's career and educational goals and should explain why the candidate is interested in pursuing this degree. The resume should include prior research and employment experience, honors, awards, memberships held, publications, etc.

For additional admission requirements, including transcripts, fees and international application requirements, students should see the Graduate Admission Services website.

Career Opportunities:
Graduates are trained at the intersection of biological sciences, physical sciences and technology through innovation, design and production. They find career opportunities in health care, biotechnology, pharmaceutical discovery, biomanufacturing, security, environmental and food agribusinesses.

Career examples include:

- biochemists and biophysicists
- clinical scientists
- environmental engineers
- health and safety engineers
- medical scientists and engineers
- microbiologists

Contact Information:
Engineering, Ira A. Fulton Schools of
School for Engineering of Matter,Transport & Enrgy
https://semte.engineering.asu.edu/biological-design-phd/
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480-965-2335

Biomedical Engineering, MS (ESBIOENMS)
Online Degree Search Title: Biomedical Engineering, MS
Campus: Tempe

Program Description:
The School of Biological and Health Systems Engineering faculty offer a graduate program leading to the MS in biomedical engineering.

Areas of study include:

- biomaterials, biosensors, biomarkers and biomimetic materials
- biomedical imaging
- molecular, cellular and tissue engineering
- neural and rehabilitation engineering
- synthetic and systems biology

Biomedical engineering offers an accelerated BSE/MS in biomedical engineering degree for students in the Bachelor of Science in Engineering program who have maintained a GPA of 3.50 (scale is 4.00 = "A") into their junior year. The program allows up to 12 credit hours of graduate-level coursework taken during the senior year to be applied toward both the undergraduate and graduate degrees.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Biomedical Engineering, BSE
> Biomedical Engineering (Biological Devices), BSE
> Biomedical Engineering (Biomedical Devices), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (BME 593).

All candidates pursuing a master's degree in biomedical engineering are required to complete an approved plan of study. Special course requirements for the different areas of study are established by the faculty.

A candidate whose undergraduate degree is in a field other than biomedical engineering may be required to complete more than the required credit hours of the program of study.

The following are program requirements for the applied project option:

biomedical engineering coursework (13)
biomedical engineering seminar (2)
general electives (6)
quantitative electives (6)
applied project (3)

The following are program requirements for the thesis option:

biomedical engineering coursework (9)
biomedical engineering seminar (3)
general electives (6)
quantitative electives (6)
thesis (6)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- a statement of purpose
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Professionals who specialize in biomedical engineering research areas are in high demand across sectors and industries, including business, academia, hospitals, government agencies and research facilities. The skill sets gained by graduates of the Master of Science program in biomedical engineering are sought by local, national and international employers.

Career examples include:

- biochemical engineer
- bioinformatics scientist
- biomedical engineer
    - geneticist
    - health sciences manager
- medical scientist
- molecular biologist
    - nanosystems engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
https://sbhse.engineering.asu.edu/
ECG 334
sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering, PHD (ESBIOENPHD)

Online Degree Search Title: Biomedical Engineering, PhD
Campus: Tempe

Program Description:
The School of Biological and Health Systems Engineering faculty offer a graduate program leading to the PhD in biomedical engineering.

Areas of study include:

- biomaterials, biosensors, biomarkers and biomimetic materials
- biomedical imaging
- molecular, cellular and tissue engineering
- neural and rehabilitation engineering
- synthetic and systems biology

The doctoral degree in biomedical engineering is conferred upon evidence of excellence in research resulting in a scholarly dissertation that is a contribution to knowledge.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Bioengineering Courses (18 credit hours)
Doctoral students are required to complete six credit hours from each of the following three areas:
BME graduate courses (BME prefix) (6)
life science or biology graduate courses (6)
quantitative math or engineering (6)

Other Requirement (3 credit hours)
BME 780 Teaching Practicum (3)

Technical Electives (9 credit hours)

Research (37 credit hours)
BME 792 Research (37)

Seminar (5 credit hours)
BME 591 Seminar (5)

Culminating Experience (12 credit hours)
BME 799 Dissertation (12)

Additional Curriculum Information

Up to six credit hours of the required biomedical engineering courses and technical electives combined may be at the 400 level.

Courses used to satisfy the technical electives requirement must be selected from the list of 400- to 700-level courses that are not selected as required BME courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee
   • official transcripts
   • a statement of purpose
   • resume or curriculum vitae
   • three letters of recommendation
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should view the School of Biological and Health Systems admissions checklist on the Arizona State University website for specific admission procedures and deadlines.

Career Opportunities:
Professionals who specialize in biomedical engineering research areas are in high demand across sectors and industries, including business, academia, hospitals, government agencies and research facilities. The skill sets gained by graduates of the doctorate program in biomedical engineering are sought by local, national and international employers.

Career examples include:

   • bioinformatics scientist
   • biomedical engineer
   • geneticist
   • medical scientist
   • molecular biologist
   • professor

Contact Information:
Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
https://sbhse.engineering.asu.edu/
ECG 334
sbhse.advising@asu.edu
480-965-3028

Chemical Engineering, MS (ESCHEMEMS)
Online Degree Search Title: Chemical Engineering, MS
Campus: Tempe

Program Description:
The chemical engineering faculty offer a graduate program leading to the MS in chemical engineering.

Areas of research emphasis include atmospheric aerosols, biomolecular engineering, biosensors, chemical therapies for neurodegenerative diseases, electrochemistry, electronic materials processing, engineering education, flexible display technology, fuel cells, inorganic membranes, process design and operations, protein synthesis, transport phenomena in living systems and water purification.

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school website. For additional details,

students should contact the Graduate Advising Office in the School for Engineering of Matter, Transport and Energy.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Chemical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours and a thesis, or 33 credit hours including the required applied project course (CHE 593).

Required Core (9 credit hours)
CHE 533 Transport Processes I (3)
CHE 543 Thermodynamics of Chemical Systems (3)
CHE 544 Chemical Reactor Engineering (3)

Technical Electives (15 or 18 credit hours)

Other Requirement (3 credit hours)
CHE 591 Seminar (3)

Culminating Experience (3 or 6 credit hours)
CHE 593 Applied Project (3)
CHE 599 Thesis (6)

Additional Curriculum Information
This degree has two options: a thesis option and a nonthesis option. The nonthesis option requires an applied project. Both options require a faculty advisor. All students are admitted to the nonthesis option until a faculty advisor has been secured and agrees to allow the student to change to the thesis option.

The composition of technical electives depends on the student's final culminating experience. At least one technical elective course of three credit hours must be taken outside of chemical engineering, and the academic unit must approve all elective coursework in order for the credits to be utilized on the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • personal statement
 • resume or curriculum vitae
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a minimum score of 90 on the internet-based TOEFL, regardless of current residency.

Admission to the 4+1 degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Career Opportunities:

Professionals with a Master of Science in chemical engineering have strong opportunities at all levels in chemical engineering in research, design and manufacturing at companies of all sizes, national (DOE, DOD, NASA) laboratories, and academics. Analytical skills learned in chemical engineering are also valued for other non-engineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- lecturer
- process engineer
- research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Chemical Engineering Program
https://semte.engineering.asu.edu/chemical-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Chemical Engineering, PHD (ESCHEMEPHD)

Online Degree Search Title: Chemical Engineering, PhD
Campus: Tempe

Program Description:
The chemical engineering faculty offer a graduate program leading to the PhD in chemical engineering.

Areas of research emphasis include atmospheric aerosols, biomolecular engineering, biosensors, chemical therapies for neurodegenerative diseases, electrochemistry, electronic materials processing, engineering education, flexible display technology, fuel cells, inorganic membranes, process design and operations, protein synthesis, transport phenomena in living systems and water purification.

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school website. For additional details, students should contact the Graduate Advising Office in the School for Engineering of Matter, Transport and Energy.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)
CHE 533 Transport Processes I (3)
CHE 543 Thermodynamics of Chemical Systems (3)
CHE 544 Chemical Reactor Engineering (3)

Technical Electives (18 credit hours)

Other Requirements (5 credit hours)
CHE 591 Seminar (5)

Research (12 credit hours)
CHE 792 Research (12)

Additional Research/Electives (28 credit hours)

Culminating Experience (12 credit hours)
CHE 799 Dissertation (12)

Additional Curriculum Information
Technical electives are selected from within or outside the chemical engineering program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English is required to achieve a minimum score of 100 on the internet-based TOEFL, regardless of current residency.

Career Opportunities:
Professionals with a chemical engineering doctoral degree have strong opportunities at all levels in chemical engineering in research, design and manufacturing at companies of all sizes, national (DOE, DOD, NASA) laboratories, and academics. Analytical skills learned in chemical engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- lecturer
- process engineer
- research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Chemical Engineering Program
https://semte.engineering.asu.edu/chemical-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Civil, Environmental and Sustainable Engineering, MS (ESCIVILMS)
Online Degree Search Title: Civil, Environmental, and Sustainable Engineering, MS
Campus: Tempe

Program Description:
The faculty in civil, environmental and sustainable engineering offer a graduate program leading to an MS in civil, environmental and sustainable engineering. The program is designed to enhance the knowledge gained in the undergraduate program by requiring students to understand and practice fundamental concepts in engineering, mathematics and the basic sciences.

The pattern of coursework applicable to the degree is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree as authorized here and on the program's website.

Students are admitted to one of the following specialty areas in engineering:

- environmental
- geotechnical
- hydrosystems
- structural
- sustainable
- transportation

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Civil Engineering, BSE
Civil Engineering (Environmental Engineering), BSE
Civil Engineering (Sustainable Engineering), BSE
Environmental Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours and an applied project (CEE 593).

All candidates for the master's degree thesis option are required to complete 24 credit hours of approved graduate coursework and a minimum of six credit hours of CEE 599 Thesis. The written thesis must be original research in nature. Additional courses may be assigned by the graduate supervisory committee, depending on the background of the candidate. A final oral examination in defense of the thesis written work is required.

Candidates in the applied project option must complete 27 credit hours of approved graduate coursework and three credit hours of CEE 593 Applied Project.

Candidates in the comprehensive exam option must complete 30 credit hours of approved graduate coursework and complete a written comprehensive exam.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to this program if they have earned a bachelor's or master's degree with a major in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants with a lower GPA may be admitted provisionally at the discretion of the admission committee.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator. A student whose undergraduate degree is not in civil engineering is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree program are specified at the time of admission, and details can be obtained at the graduate studies section of the program's website.

Prospective students should note the following two requirements need to be met for consideration for admission: minimum GRE score in the quantitative section of 155 and minimum combined score for the quantitative and verbal sections of 301. More information regarding how to send official GRE scores is on the Graduate Admission Services website.

Applicants are encouraged to submit a resume and personal statement.

Career Opportunities:

This program prepares graduates to be civil engineers who typically focus on large projects such as buildings, roads, bridges, subway systems, dams and water supply networks.

Contact Information:
Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
https://ssebe.engineering.asu.edu/graduate/civil/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil, Environmental and Sustainable Engineering, PHD (ESCIVILPHD)

Online Degree Search Title: Civil, Environmental and Sustainable Engineering, PhD
Campus: Tempe

Program Description:
The faculty in civil, environmental and sustainable engineering offer a graduate program leading to the PhD in civil, environmental and sustainable engineering.

A broad range of theoretical and experimental research programs have been established in civil and environmental engineering to prepare graduate students for careers in professional practice and research. These programs are constantly evolving with the changes in society and the profession, and many are transdisciplinary in nature.

The pattern of coursework applicable to the degree is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree as authorized here and in the program's graduate handbook.

Students are admitted to one of the following specialty areas in engineering:

- environmental
- geotechnical
- hydrosystems
- structural
- sustainable
- transportation

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

All candidates for the doctorate are required to complete 84 approved graduate credit hours; of these, 30 credit hours can be from the previously awarded master's degree. Additional graduate credit work may be assigned by the graduate supervisory committee, depending on the background of the candidate.

The graduate credit hours must include a minimum of 12 credit hours of research and 12 credit hours of dissertation work.

This degree program also requires written and oral comprehensive examinations and approval of the dissertation prospectus for the student to be eligible for doctoral candidacy.

After entering candidacy, the student completes the research and writes and successfully defends a dissertation.

A final oral examination in the defense of the dissertation work is required for all students.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a master's degree in engineering or a closely related master's degree program from a regionally accredited institution. Exceptionally qualified students with a bachelor's degree may be admitted to the doctoral program.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- GRE scores
- three letters of recommendation
- a resume
- a personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

A student whose undergraduate or master's degree is not in civil engineering is required to take appropriate undergraduate or graduate courses as deficiency courses, to establish a base of knowledge in the discipline. Deficiencies for admission to the program are specified at the time of admission, and details can be obtained at the graduate studies section of the program's website.

Prospective students should note that GRE scores are used in the admission decision. The average scores for those who were admitted to the graduate programs over the last five years are 732 for MS/MSE and 751 for PhD (GRE General Test) or 157 for MS/MSE and 159 for PhD (GRE revised General Test) in the quantitative section; 1203 for MS/MSE and 1239 for PhD (GRE General Test) or 308 for MS/MSE and 311 for PhD (GRE revised General Test) as combined quantitative and verbal scores. More information regarding how to send official GRE scores to Graduate Admission Services can be found at https://admission.asu.edu/contact/faqs#graduate (https://admission.asu.edu/contact/faqs#graduate).

Students' credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator.

Career Opportunities:

Graduates in professional practice become civil engineers who typically focus on large projects such as buildings, bridges, subway systems, dams and water supply networks. Doctoral graduates also go into research and higher education.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
https://ssebe.engineering.asu.edu/graduate/civil/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Computer Engineering (Computer Systems), MS (ESCENCMS)

Online Degree Search Title: Computer Engineering (Computer Systems), MS
Campus: Tempe

Program Description:

The MS in computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Students can take courses and participate in projects across two schools and among the core areas.

The program is intended for students who want to gain knowledge deeper than that provided at the bachelor's degree level and sufficient for designing and implementing state-of the-art systems in industrial research and development positions. The program is also appropriate for students contemplating future doctoral study and those who wish to gain experience in research.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Systems Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)

EEE 554 Probability and Random Processes (3)

Electives (18-24 credit hours)

Culminating Experience (0-6 credit hours)
CEN 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
This program has a thesis and a nonthesis option for the culminating experience. Students in the nonthesis option take 24 credit hours of electives and students in the thesis option take only 18 credit hours to reach the 30 credit hour requirement. Electives are selected in consultation with the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or a master's degree from a regionally accredited college or university of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores*
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency. Students should visit the Admission Services website for more information. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

*GRE scores are required unless the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU. Students, international and domestic, are also exempt from taking the GRE if they have a degree from an ABET-accredited program from a U.S. or overseas institution and meet the minimum GPA requirements of the academic units. Students who do not meet these requirements as outlined are required to take the GRE.

Letters of recommendation are optional.

The personal statement should indicate professional goals and reasons for desiring to enroll in the program.

Depending upon an applicant's prior academic preparation and accomplishments, it is recommended that students consider taking the following courses to ensure adequate background preparation:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
EEE 203 Signals and Systems I
EEE 335 Analog and Digital Circuits
MAT 243 Discrete Mathematical Structures

A reading list of the topics covered in the placement exam is provided in advance of the exam.

Students should see the program website for application deadlines.

Career Opportunities:
Graduates from the Master of Science program in computer engineering are able to analyze and synthesize key theories and methods used in the field of computer engineering. These graduates can apply new theories, methods and designs that can advance the field of computer engineering. More specifically, computer engineering program graduates have the skills to advance the design, system integration, testing, evaluation and deployment of the state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless),

control functions, sensing, signal processing, and actuation. These skills can be applied in high-demand growth areas, such as autonomous systems and robotics; distributed, dependable and secure systems; as well as embedded systems for media processing and communications.

Master's degree program graduates may work under the direction of scientists and engineers who hold doctorates in high-tech lab settings, assisting in developing innovative products and systems that require strong foundational knowledge in the underlying sciences and the ability to synthesize and analyze engineering principles as they relate to the development of new computer engineering technology.

Career examples include:

- computer hardware engineer
- computer systems engineer
- systems software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://cen.engineering.asu.edu/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Engineering (Computer Systems), PHD (ESCENCPHD)

Online Degree Search Title: Computer Engineering (Computer Systems), PhD
Campus: Tempe

Program Description:
The PhD program in computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Students can take courses and participate in projects across two schools and among the core areas.

The program in computer engineering with a concentration in computer systems is intended for students with excellent ability in mathematics and physical science who are interested in gaining an in-depth knowledge of the foundational principles of engineering and wish to pursue a career in academia, research or highly technical entrepreneurial innovation.

This doctoral program provides broader and more in-depth preparation than the MS programs, in anticipation of a demonstrated ability to independently pursue more creative and substantive innovation with higher impact.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Random Signal Theory (3)

Concentration (9 credit hours)

Focus Area Electives (3 credit hours)

Technical Electives (30 credit hours)

Research (24 credit hours)
CEN 792 Research (24)

Culminating Experience (12 credit hours)
CEN 799 Dissertation (12)

Additional Curriculum Information
Concentration, focus area and technical elective courses are selected in consultation with the academic unit.

The concentration and focus area course lists are located on the computer engineering website, and students need to meet the following requirements: at least nine credit hours of graduate level coursework in computer engineering (CEN XXX) or computer science (CSE XXX); and at least three credit hours of graduate level coursework in electrical engineering (EEE XXX) or computer engineering.

This program requires a qualifying exam. Students should see the academic unit for information on timeline and satisfactory progress standards.

Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral Interactive Plan of Study with approval of the program and supervisory committee and the dean of the Graduate College.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited institution of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • personal statement
  • three letters of recommendation
  • official transcripts
  • GRE scores
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The TOEFL is required for an applicant whose native language is not English. Further details are available on the Admission Services website: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The personal statement should explain the professional goals and reasons for desiring to enroll in the doctoral program as well as describing any research experiences and indicating personal research interest.

A student, whether international or domestic, is exempt from taking the GRE if they have a degree from an ABET-accredited program from a U.S. or overseas institution and meet the minimum GPA requirements of the academic units. A student who does not meet these requirements as outlined is required to take the GRE.

Depending on prior academic preparation and accomplishments of an applicant, it is recommended that the student consider taking the following courses to ensure adequate background preparation:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
EEE 203 Signals and Systems I
EEE 335 Analog and Digital Circuits
MAT 243 Discrete Mathematical Structures

Career Opportunities:
Graduates from the doctoral program in computer engineering are able to analyze and synthesize key theories and methods used in the field of computer engineering. These graduates can generate and evaluate new theories, methods and designs that can advance the field of computer engineering. More specifically, computer engineering program graduates have the skills to advance the design, system integration, testing, evaluation and deployment of the state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing, and actuation.

These skills can be applied in high-demand growth areas, such as autonomous systems and robotics, distributed, dependable and secure systems, as well as embedded systems for media processing and communications. Career examples include:

  • computer engineering professor
  • computer engineering researcher
  • computer hardware engineer
  • computer systems engineer
  • systems software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://cen.engineering.asu.edu/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Engineering (Electrical Engineering), MS (ESCENEMS)

Online Degree Search Title: Computer Engineering (Electrical Engineering), MS
Campus: Tempe

Program Description:
Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Students can take courses and participate in projects through this transdisciplinary program that spans two schools and encompasses several core areas.

The MS program is intended for students who want to gain knowledge deeper than that provided at the bachelor's degree level and is sufficient for designing and implementing state-of the-art systems in industrial research and development positions. Students learn to analyze and synthesize key theories and methods used in the field of computer engineering.

The program is also appropriate for students contemplating future doctoral study and for those desiring to gain experience in research.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Random Signal Theory (3)

Electives (18-24 credit hours)

Culminating Experience (0-6 credit hours)
CEN 599 Thesis (6) or
Portfolio (0)

Additional Curriculum Information
This program has a thesis and a nonthesis option for the culminating experience. Students in the nonthesis option take 24 credit hours of electives, and students in the thesis option take only 18 credit hours to reach the 30 credit hour requirement. Electives are selected in consultation with the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a master's degree from a regionally accredited college or university of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- personal statement
- three letters of recommendation (optional)
- GRE scores (required if undergraduate program is not ABET-accredited)*
- proof of English proficiency

*International and domestic applicants are exempt from taking the GRE if they have earned a degree from an ABET-accredited program (https://www.abet.org/ (https://www.abet.org/)) from a U.S. or overseas institution, and if they meet the minimum GPA requirement for admission. Students who do not meet these requirements are required to provide GRE scores.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency. More information can be found on the Admission Services English proficiency website: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The personal statement should indicate professional goals and reasons for desiring to enroll in the program.

Career Opportunities:
Graduates from the Master of Science program in computer engineering are able to apply new theories, methods and designs that can advance the field of computer engineering. More specifically, program graduates have the skills to advance the design, system integration, testing, evaluation and deployment of state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

These skills can be applied in high-demand growth areas, such as autonomous systems and robotics; distributed, dependable and secure systems; as well as in embedded systems for media processing and communications.

Career examples include:

- computer engineering professor
- computer engineering researcher
- computer hardware engineer
- computer systems engineer
- systems software engineer

Graduates may work under the direction of scientists and engineers who hold doctorates in high-tech lab settings, assisting in developing innovative products and systems that require strong foundational knowledge in the underlying sciences and the ability to synthesize and analyze engineering principles as they relate to the development of new computer engineering technology.

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://cen.engineering.asu.edu
GWC 209
askee@asu.edu
480-965-3424

Computer Engineering (Electrical Engineering), PHD (ESCENEPHD)

Online Degree Search Title: Computer Engineering (Electrical Engineering), PhD
Campus: Tempe

Program Description:
The PhD program in computer engineering is a transdisciplinary program that builds on the fundamentals of electrical engineering, computer science, applied mathematics and physical sciences. Students can take courses and participate in projects across two schools and among the core areas.

The program in computer engineering with a concentration in electrical engineering is intended for students with excellent ability in mathematics and physical science who are interested in gaining an in-depth knowledge of the foundational principles of engineering and wish to pursue a career in academia, research or highly technical entrepreneurial innovation.

This doctoral program provides broader and more in-depth preparation than the MS programs, in anticipation of a demonstrated ability to independently pursue more creative and substantive innovation with higher impact.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Random Signal Theory (3)

Concentration (9 credit hours)

Focus Area Electives (3 credit hours)

Technical Electives (30 credit hours)

Research (24 credit hours)
CEN 792 Research (24)

Culminating Experience (12 credit hours)
CEN 799 Dissertation (12)

Additional Curriculum Information
Concentration, focus area and technical elective courses are selected in consultation with the academic unit.

The concentration and focus area course lists are located on the computer engineering website and need to meet the following requirements: at least nine credit hours of graduate-level coursework in electrical engineering (EEE XXX) or computer engineering (CEN XXX); and at least three credit hours of graduate-level coursework in computer engineering or computer science (CSE XXX).

This program requires a qualifying exam. Students should see the academic unit for information on timeline and satisfactory progress standards.

Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral Interactive Plan of Study with approval of the program and supervisory committee and the dean of the Graduate College.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited institution of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum GPA of 3.50 (scale is 4.00 = "A") in the MS or MSE coursework for acceptance into the doctoral program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL is required for applicants whose native language is not English. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Students who hold a U.S. ABET-accredited undergraduate degree are not required to submit GRE scores.

Career Opportunities:
Graduates from the doctoral program in computer engineering are able to analyze and synthesize key theories and methods used in the field of computer engineering. These graduates can generate and evaluate new theories, methods and designs that can advance the field of computer engineering. More specifically, program graduates have the knowledge and skills necessary to fundamentally advance and develop new paradigms for the design, system integration, testing, evaluation and deployment of the state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing, and actuation.

These skills can be applied in high-demand growth areas, such as autonomous systems and robotics; distributed, dependable and secure systems; as well as in embedded systems for media processing and communications. Career examples include:

- computer engineering professor
- computer engineering researcher
- computer hardware engineer
- computer systems engineer
- systems software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://cen.engineering.asu.edu
GWC 209
askee@asu.edu
480-965-3424

Computer Science, MCS (ESCOMSCMCS)

Online Degree Search Title: Computer Science, MCS
Campus: Tempe, Online

Program Description:
The MCS program affords an opportunity for students employed in industry to seek a breadth of advanced education in computer science.

The program reflects the dual nature of computer science as a scientific and engineering discipline by allowing emphasis on theory as well as practical applications. Students can study topics such as:

- artificial intelligence
- big data
- cloud and distributed computing
- cybersecurity
- database management and information retrieval
- database systems
- data mining and machine learning
- distributed computing and operating systems
- imaging, graphics and visualization
- simulation modeling and systems

Students build a project portfolio through the program to demonstrate the knowledge gained.

For questions or more information, students interested in the program through ASU Online should contact mcsonline@asu.edu (mailto:mcsonline@asu.edu); students interested in the program at the Tempe campus should contact SCAI.Grad.Admission@asu.edu (SCAI.Grad.Admission@asu.edu).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Science, BS
Computer Science (Cybersecurity), BS
Computer Science (Software Engineering), BS
Computer Systems Engineering, BSE
Computer Systems Engineering (Cybersecurity), BSE
Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core Areas (9 credit hours)

applications (3)
foundations (3)
systems (3)

Electives (21 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Students choose 21 credit hours of elective coursework approved by their academic advisor. Coursework selected as part of the area core may not be used as elective coursework on the same plan of study.

At least 24 of these hours must be CSE 5XX credits at ASU. A maximum of four CSE 598 courses are allowed as elective coursework, which cannot include courses taken at the undergraduate level. Up to six credit hours of 400-level courses may be applied to the plan of study. All 30 credit hours must be from formal coursework. CSE 590 is not allowed as part of the MCS program plan of study.

All MCS program students must complete a project portfolio from three courses in which the student received a "B" (3.00) grade or higher.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores*
- statement of purpose or a curriculum vitae
- proof of English proficiency

*GRE scores are optional but strongly recommended for Tempe campus applicants.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students can find more information on the Admission Services website: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00= "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/computer-science-mcs/)

Career Opportunities:
Graduates are able to analyze key theories, algorithms and software modules used in the field of computer science.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI or computer vision engineer
- software engineer
- software developer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
mcsonline@asu.edu
480-965-3199

Computer Science, MS (ESCOMSCMS)

Online Degree Search Title: Computer Science, MS
Campus: Tempe

Program Description:
The MS program in computer science affords an opportunity for students employed in industry to seek a breadth of advanced education in computer science.

The program reflects the dual nature of computer science as a scientific and engineering discipline by allowing emphasis on theory as well as practical applications. Students may opt for a thesis or nonthesis option as their culminating event. Students can study topics such as:

- artificial intelligence
- big data
- cloud and distributed computing
- cybersecurity
- database management and information retrieval
- database systems
- data mining and machine learning
- distributed computing and operating systems
- imaging, graphics and visualization
- simulation modeling and systems

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Science, BS
Computer Science (Cybersecurity), BS
Computer Science (Software Engineering), BS
Computer Systems Engineering, BSE
Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Electives (15 or 21 credit hours)

Culminating Experience (0 or 6 credit hours)
CSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems. Courses selected as part of the core may not be used as other elective coursework on the same plan of study.

Students complete a thesis or portfolio for the culminating experience. Students in the thesis option take 15 credit hours of electives, and students in the portfolio option take 21 credit hours of electives. The project portfolio is developed from three courses in which the student received a "B" grade (3.00 on a 4.00 scale) or higher. Students should see the academic unit for additional information and requirements.

For thesis students, nine of the 15 credit hours of electives must be courses in a chosen research area and approved by the student's academic advisor. Up to six credit hours can be independent study in CSE 590 Reading and Conference.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- scores for the GRE
- a statement of purpose
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.
https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

If the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU, GRE scores are not required.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:
Students completing the Master of Science program in computer science are able to analyze key theories, algorithms and software modules used in the field of computer science.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI or computer vision engineer

- software engineer
- software developer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science, PHD (ESCOMSCPHD)

Online Degree Search Title: Computer Science, PhD
Campus: Tempe

Program Description:
The PhD program in computer science prepares students to undertake fundamental and applied research in computer science, preparing them to apply their studies in the world of academia, governmental policy, and industry. The program is available for students of high ability who seek to develop and implement their own research studies.

Students can conduct cutting-edge research in a wide variety of research areas, including:

- artificial intelligence
- big data
- cloud and distributed computing
- computer design and architecture
- cybersecurity
- data mining and machine learning
- database management and information retrieval
- social computing
- statistical modeling
- theory and algorithms

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)
architecture and networked systems (3)
data and information systems (3)
foundations of computation and algorithms (3)
intelligent and interactive systems (3)
software and information assurance (3)

Depth (6 credit hours)
six additional credit hours in one core area (6)

Research (18 credit hours)
CSE 792 Research (18)

Electives and Additional Research (33 credit hours)

Culminating Experience (12 credit hours)
CSE 799 Dissertation (12)

Additional Curriculum Information
Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements. A grade of "B" or better is required for core courses.

Eighteen credit hours of CSE 792 Research is required and up to 24 credit hours is allowed on the plan of study. Students with research credit hours in excess of 18 add these credit hours to their electives and additional research.

Electives include:

- additional CSE 792 Research credit hours (up to six credit hours allowed beyond required 18)
- computer science courses of which up to 18 credit hours of CSE 590 and CSE 790 Reading and Conference is allowed
- up to 15 credit hours of interdisciplinary electives in other academic units that are subject to program chair approval

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

A maximum of six credit hours of 400-level coursework may be applied to the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts from every university attended
- three letters of recommendation
- a statement of purpose
- curriculum vitae or resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Submission of GRE scores is optional.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" or higher (scale is 4.00 = "A") within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:
Graduates who receive the doctorate in computer science are able to analyze, understand and apply key theories and algorithms used in the field of computer science. They are also able to generate and evaluate new theories, algorithms and software modules that can advance the field of computer science.

Career examples include:

- computer science professor
- computer science researcher
- data scientist or engineer
- machine learning, AI or computer vision engineer
- machine learning, AI or computer vision scientist

Contact Information:
Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Arts, Media and Engineering), MS (ESAMECSMS)

Online Degree Search Title: Computer Science (Art, Media and Engineering), MS
Campus: Tempe

Program Description:
The MS program in computer science with a concentration in arts, media and engineering emphasizes research on the integration of the human physical experience with computation and digital media.

Arts, media and engineering researchers produce experiential media systems and models that assist the disadvantaged, empower creativity, enhance scientific discovery, evolve human ability, facilitate learning and improve quality of life. Within these application areas, researchers explore experiential construction, interaction and feedback, knowledge creation, sensing, perception and modeling.

The purpose of the arts, media and engineering concentration under the master's degree in computer science is to train hybrid engineering-arts graduates who get their inspiration from the arts and their methodology from computer science and engineering. Students specialize in transdisciplinary media development. More information about the arts, media and engineering concentration can be found on the school's website at https://artsmediaengineering.asu.edu (https://artsmediaengineering.asu.edu/).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Computer Science, BS
    Computer Science (Cybersecurity), BS
    Computer Science (Software Engineering), BS
    Computer Systems Engineering, BSE
    Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
AME 511 Advanced Interactive Sound (3)
AME 515 Machine Vision and Pattern Recognition (3)
AME 520 Understanding Activity (3)
AME 532 Media Synthesis (3)
AME 535 Mobile Development (3)
AME 570 Programming for Social and Interactive Media (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)
AME 599 Thesis (2)
CSE 599 Thesis (4)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Students complete nine credit hours of arts, media and engineering concentration courses selected in consultation with the student's graduate advisor. Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement.

Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- statement of purpose
- curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.
https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

GRE scores are not required if the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU.

The statement of purpose must address the transdisciplinary nature of the arts, media and engineering program. Applicants should explain in a concise and persuasive manner how their educational, professional and personal experiences inform their research and creative interests, writing on any aspect of their background that supports candidacy to the program. For further information on how this statement can be expanded upon by students interested in a research assistantship or an integrative graduate education and research traineeship within arts, media and engineering, students should visit the School of Arts, Media and Engineering website at https://artsmediaengineering.asu.edu (https://artsmediaengineering.asu.edu/). Students should submit a curriculum vitae with the statement of purpose.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:

Graduates are able to analyze and apply key theories, algorithms and software modules used in the field of computer science.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI or computer vision engineer
- software developer
- software engineer

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Arts, Media and Engineering), PHD (ESAMECSPHD)

Online Degree Search Title: Computer Science (Art, Media and Engineering), PhD
Campus: Tempe

Program Description:
The PhD program in computer science with a concentration in arts, media and engineering emphasizes research on the integration of the human physical experience with computation and digital media. Arts, media and engineering researchers produce experiential media systems and models that assist the disadvantaged, empower creativity, enhance scientific discovery, evolve human ability, facilitate learning and improve quality of life. Within these application areas, researchers explore experiential construction, interaction and feedback, knowledge creation, sensing, perception and modeling.

The purpose of the arts, media and engineering concentration is to train hybrid engineering-arts graduates who get their inspiration from the arts and their methodology from computer science and engineering. Students specialize in transdisciplinary media development. More information about arts, media and engineering can be found on the school's website at https://artsmediaengineering.asu.edu/ (https://artsmediaengineering.asu.edu/).

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)
architecture and networked systems (3)
data and information systems (3)
foundations of computation and algorithms (3)
intelligent and interactive systems (3)
software and information assurance (3)

Depth (6 credit hours)
six additional credit hours in one core area (6)

Concentration (9 credit hours)
Select three courses from the following list:
AME 515 Machine Vision and Pattern Recognition (3)
AME 520 Understanding Activity (3)
AME 532 Media Synthesis (3)
AME 535 Mobile Development (3)
AME 570 Programming for Social and Interactive Media (3)

Research (18 credit hours)
AME 792 Research (6)
CSE 792 Research (12)

Electives (24 credit hours)

Culminating Experience (12 credit hours)
AME 799 Dissertation (6) and
CSE 799 Dissertation (6)

Additional Curriculum Information
Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements. A grade of "B" or better is required for core courses.

For electives, students choose computer science courses which may include up to 18 credit hours of CSE 590 and CSE 790 Reading and Conference.

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

A maximum of six credit hours of 400-level coursework may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A" in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts from every university attended
  • three letters of recommendation
  • a statement of purpose
  • curriculum vitae or resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The statement of purpose must fulfill any requirements defined by the Graduate College and also address the transdisciplinary nature of the arts, media and engineering program. Applicants should explain in a concise and persuasive manner how their educational, professional and personal experiences inform their research and creative interests, writing on any aspect of their background that supports candidacy to the program. Further information on how this statement can be expanded upon by students interested in a research assistantship or an Integrative Graduate Education and Research Traineeship within arts, media and engineering is available from the department. Students should submit a current curriculum vita with the statement of purpose.

GRE scores are optional.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:

Graduates who receive the doctorate in computer science with the arts, media and engineering concentration are able to analyze, understand and apply key theories and algorithms used in the field of computer science.

They are also able to generate and evaluate new theories, algorithms and software modules that can advance the field of computer science.

Career examples include:

  • arts, media and engineering professor
  • arts, media and engineering researcher
  • computer science professor
  • computer science researcher
  • data scientist or engineer
  • machine learning, AI or computer vision engineer
  • machine learning, AI or computer vision scientist

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program

https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Big Data Systems), MCS (ESCSEBDMCS)

Online Degree Search Title: Computer Science (Big Data Systems), MCS
Campus: Tempe, Online

Program Description:
The big data systems concentration under the MCS degree program is designed for graduate students who want to pursue a thorough education in the area of big data systems.

Students acquire the knowledge, skills and expertise in designing scalable systems (parallel, distributed and real time) that acquire, store, process and access large-scale heterogeneous multisource data, and they learn to use analytical tools to mine information from the data

Graduates are able to choose and deploy the appropriate data management processing and analysis systems with a suitable structured or unstructured data model that a particular task and domain application needs.

For questions or more information, students interested in the program through ASU Online should contact mcsonline@asu.edu (mailto:mcsonline@asu.edu); students interested in the program at the Tempe campus should contact SCAI.Grad.Admission@asu.edu (SCAI.Grad.Admission@asu.edu).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

  Computer Science, BS
  Computer Science (Cybersecurity), BS
  Computer Science (Software Engineering), BS
  Computer Systems Engineering, BSE
  Computer Systems Engineering (Cybersecurity), BSE
  Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 511 Data Processing at Scale (3)
CSE 575 Statistical Machine Learning (3)
CSE 578 Data Visualization (3)

Restricted Electives (6 credit hours)

Electives (6 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for electives and each core area in applications, foundations and systems.

Coursework selected as part of the area core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

At least 24 of these hours must be CSE 5XX credits at ASU. A maximum of four CSE 598 courses may be allowed as elective coursework, which cannot include courses taken at the undergraduate level. All 30 credit hours must be from formal coursework (including CSE 591). CSE 590 is not allowed as part of the Master of Computer Science program plan of study.

All Master of Computer Science program students must complete a project portfolio from three courses in which the student received a "B" grade (scale is 4.00 = "A") or higher.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores (optional, but strongly recommended)
- statement of purpose OR curriculum vitae
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. More information is available on Admission Services English proficiency website: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00= "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming (3)
CSE 310 Data Structures and Algorithms (3)
CSE 330 Operating Systems (3)
CSE 340 Principles of Programming Languages (3) or CSE 355 Introduction to Theoretical Computer Science (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-big-data/)

Career Opportunities:
Graduates who complete the Master in Computer Science program are able to analyze key theories, algorithms and software modules used in the field of computer science. There is a growing need for data scientists and engineers who can architect, implement and manage large data systems. Graduates of this program have a competitive advantage in securing employment.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI computer vision engineer
- software engineer
- software developer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/

CTRPT 105
mcsonline@asu.edu
480-965-3199

Computer Science (Big Data Systems), MS (ESCSEBDMS)

Online Degree Search Title: Computer Science (Big Data Systems), MS
Campus: Tempe

Program Description:
The big data systems concentration under the MS degree program in computer science is designed for graduate students who want to pursue a thorough education in the area of big data systems. The program has a thesis and nonthesis project portfolio option.

The goal of this concentration is to provide students with the knowledge, skills and advanced research expertise in designing scalable systems (parallel, distributed and real-time) for acquiring, storing, processing and accessing large-scale heterogeneous multisource data and in using analytical tools to mine information from the data.

Graduates are able to choose and deploy the appropriate data management processing and analysis systems with a suitable structured or unstructured data model that a particular task and domain application needs.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Science, BS
Computer Science (Cybersecurity), BS
Computer Science (Software Engineering), BS
Computer Systems Engineering, BSE
Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 510 Database Management System Implementation (3)
CSE 512 Distributed Database Systems (3)
CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)

Restricted Electives (6 credit hours)
CSE 515 Multimedia and Web Databases (3)
CSE 546 Cloud Computing (3)
CSE 573 Semantic Web Mining (3)
CSE 575 Statistical Machine Learning (3)
CSE 578 Data Visualization (3)

Electives (0 or 6 credit hours)

Culminating Experience (0 or 6 credit hours)
CSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a thesis or portfolio for the culminating experience. Regardless of culminating experience chosen, all students in the program must complete six credit hours from the restricted electives list. Students in the portfolio culminating experience option must also take six credit hours of electives.

Portfolio: The project portfolio is developed from three courses in which the student received a "B" grade (3.00) or higher and should have significant content in big data systems. Students should see the academic unit for additional information and requirements.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • official GRE test scores
  • statement of purpose
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Official TOEFL scores should be submitted from tests that must have been taken within the last two years (only required for those who did not graduate with a baccalaureate degree from an accredited U.S. institution). The TOEFL score must be valid on the first day of class for the term the student is applying for. The department requires that TOEFL scores must be above 575 (paper) or 90 (iBT), or that the minimum IELTS is an overall band score of 7.0. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

International students must have taken the official GRE General Test within the past five years and submit those test scores.

All international records must be submitted in the original language accompanied by an official English translation. If the student has attended a U.S. institution, one set of official transcripts from every college and university attended, except ASU, is required.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

Career Opportunities:
Graduates are able to analyze and apply key theories, algorithms and software modules used in the field of computer science. This gives them a competitive advantage in pursuit of secure employment as there is a growing need for data scientists and engineers who can architect, implement and manage large data systems.

Career examples include:

  • computer network architect
  • computer system analyst
  • computer systems engineer
  • data scientist or engineer
  • machine learning, AI computer vision engineer
  • software engineer
  • software developer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Biomedical Informatics), MS (ESCSBIOIMS)

Online Degree Search Title: Computer Science (Biomedical Informatics), MS
Campus: Tempe

Program Description:
The MS program in computer science with a concentration in biomedical informatics is designed for graduate students who wish to perform research in such topics as genomics and computational systems biology.

The concentration is transdisciplinary in nature, providing preparation that integrates technological expertise in the information sciences, computer science, biosciences and statistics with an understanding of the clinical environment of the health care professional. The curriculum exposes computer science students to current issues in clinical practice as well as the use of information systems in health care settings.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Computer Science, BS
> Computer Science (Cybersecurity), BS
> Computer Science (Software Engineering), BS
> Computer Systems Engineering, BSE
> Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
BMI 502 Foundations of Biomedical Informatics Methods I (3)
BMI 601 Fundamentals of Health Informatics (3)
Select once course from the following:
BMI 505 Foundations of Biomedical Informatics Methods II (3)
BMI 517 Advanced Biostatistics for Biomedical Research and Health Care (3)
BMI 550 Translational Bioinformatics (3)
BMI 598 Topic: Knowledge Management and Engineering (3)
BMI 615 Human Factors Engineering for Biomedical Applications (3)
BMI 616 Clinical Decision Support and Evidence-Based Medicine (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)
CSE 599 Thesis (6)

Additional Curriculum Information
Students focus their research in one of the following areas: bioinformatics, biomedical informatics, clinical informatics, imaging informatics or public health informatics.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally,

courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study. Students complete a minimum of 30 credit hours for the program. At least 21 of these credit hours must be 500-level CSE courses at ASU.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • statement of purpose
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency.

The student must submit verbal, quantitative and analytical GRE scores (optional: subject test in computer science) unless the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses are:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:

Graduates of the Master of Science in computer science are able to analyze and apply key theories, algorithms and software modules used in the field of computer science.

Career examples include:

  • computer network architect
  • computer system analyst
  • computer systems engineer
  • data scientist or engineer
  • machine learning, AI computer vision engineer
  • software developer
  • software engineer

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), MCS (ESCSEIMCS)

Online Degree Search Title: Computer Science (Cybersecurity), MCS
Campus: Tempe, Online

Program Description:
The MCS with a concentration in cybersecurity is an advanced degree program designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance; students with an undergraduate education in computing and related disciplines; and students employed in industry who can best profit from further breadth and background in computer science and information assurance.

This concentration program provides students with the knowledge and skills in science and engineering pertaining to cybersecurity, including computer and network security, software security, data and information security, applied cryptography and computer forensics.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Cybersecurity courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

For questions or more information, students interested in the program through ASU Online should contact mcsonline@asu.edu (mailto:mcsonline@asu.edu); students interested in the program at the Tempe campus should contact SCAI.Grad.Admission@asu.edu (SCAI.Grad.Admission@asu.edu).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Computer Science, BS
> Computer Science (Cybersecurity), BS
> Computer Science (Software Engineering), BS
> Computer Systems Engineering, BSE
> Computer Systems Engineering (Cybersecurity), BSE
> Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Electives (12 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Coursework selected as part of the area core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

The concentration coursework cannot be used as part of the area core on the same plan of study. Students must complete concentration course requirements as listed and complete different coursework for each of the core areas in applications, foundations and systems.

The interactive plan of study must contain a minimum of 30 credit hours of approved graduate-level work. At least 24 of these hours must be CSE

5XX credits at ASU. A maximum of four CSE 598 courses may be allowed as elective coursework, which cannot include courses taken at the undergraduate level. All 30 credit hours must be from formal coursework (including CSE 591). CSE 590 will not be allowed as part of the MCS program.

All Master of Computer Science students must complete a project portfolio from three courses in which the student received a "B" grade (3.00) or higher.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose OR curriculum vitae
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. More information is available on Admission Services' English proficiency website: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

GRE scores are optional, but they are strongly recommended.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming (3)
CSE 310 Data Structures and Algorithms (3)
CSE 330 Operating Systems (3)
CSE 340 Principles of Programming Languages (3) or CSE 355 Introduction to Theoretical Computer Science (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/computer-science-cybersecurity-mcs/)

Career Opportunities:
Students completing the Master in Computer Science program are able to analyze key theories, algorithms and software modules used in the field of computer science. Graduates have a competitive advantage in securing employment.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI or computer vision engineer
- software developer
- software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/

CTRPT 105
mcsonline@asu.edu
480-965-3199

Computer Science (Cybersecurity), MS (ESCSEIAMS)

Online Degree Search Title: Computer Science (Cybersecurity), MS
Campus: Tempe

Program Description:
The MS program in computer science with a concentration in cybersecurity is designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance. This program offers a thesis and nonthesis project portfolio option.

This concentration program provides students with the knowledge and skills needed in science and engineering for cybersecurity. This includes computer and network security, software security, data and information security, applied cryptography and computer forensics.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Cybersecurity courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Computer Science, BS
> Computer Science (Cybersecurity), BS
> Computer Science (Software Engineering), BS
> Computer Systems Engineering, BSE
> Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Electives or Research (6 or 12 credit hours)

Culminating Experience (0 or 6 credit hours)
CSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a thesis or portfolio for the culminating experience. Students completing a portfolio take 12 credit hours of electives and must

follow the academic unit's requirements for portfolio projects. Research credit hours may be included on the plan of study if the student is completing a thesis. Students should see the academic unit for more information.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Students must complete 15 credit hours of approved information assurance coursework. Students should see the School of Computing and Augmented Intelligence website for more information.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply for the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • scores for the GRE
  • a statement of purpose
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

GRE scores are not required if the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:
Graduates who complete the Master of Science program in computer science are able to analyze and apply key theories, algorithms and software modules used in the field of computer science. They are also able to evaluate and advance existing theories, algorithms and software modules in the field of computer science. Graduates have a competitive advantage to secure employment.

Career examples include:

  • computer network architect
  • computer system analyst
  • computer systems engineer
  • data scientist or engineer
  • machine learning, AI or computer vision engineer
  • software developer
  • software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/

CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), PHD (ESCSEIAPHD)

Online Degree Search Title: Computer Science (Cybersecurity), PhD
Campus: Tempe

Program Description:
The PhD program in computer science with a concentration in cybersecurity is designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance.

The goal of this concentration is to provide students the knowledge and skills in science and engineering for cybersecurity, including applied cryptography, computer and network security, computer forensics, data and information security and software security.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)
architecture and networked systems (3)
data and information systems (3)
foundations of computation and algorithms (3)
intelligent and interactive systems (3)
software and information assurance (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Research (18 credit hours)
CSE 792 Research (18)

Electives and Additional Research (30 credit hours)

Culminating Experience (12 credit hours)
CSE 799 Dissertation (12)

Additional Curriculum Information
Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements. A grade of B or better is required for core courses.

18 credit hours of CSE 792 Research is required and up to 24 credit hours is allowed on the plan of study. Students with research credit hours in excess of 18 add these credit hours to their electives and additional research.

Electives include:

- additional CSE 792 Research credit hours (up to six credit hours allowed beyond required 18)
- computer science courses of which up to 18 credit hours of CSE 590 and CSE 790 Reading and Conference is allowed
- up to 12 credit hours of interdisciplinary electives in other academic units that are subject to program chair approval

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to

be used for this degree.

A maximum of six credit hours of 400-level coursework may be applied on the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts from every university attended
  • three letters of recommendation
  • a statement of purpose
  • curriculum vitae or resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

GRE scores are optional.

If the student is assigned any deficiency coursework upon admission, those classes must be completed with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Career Opportunities:
Graduates who complete the doctorate program in computer science are able to analyze, understand and apply key theories and algorithms used in the field of computer science. They are also able to generate and evaluate new theories, algorithms and software modules that can advance the field of computer science. Graduates have a competitive advantage when it comes to securing employment.

Career examples include:

  • computer science professor
  • computer science researcher
  • data scientist engineer
  • machine learning, AI or computer vision engineer
  • machine learning, AI or computer vision scientist

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-computer-science/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Construction Engineering, MSE (ESCONEMSE)

Online Degree Search Title: Construction Engineering, MSE

Campus: Tempe

Program Description:
The MSE in construction engineering is a transdisciplinary degree program that encompasses the areas of geotechnical engineering, structural engineering, transportation engineering, construction engineering and management-related topics.

This focus on a combination of design and management prepares the student for a career at the interface of design and construction. Students who are interested in a career emphasizing construction of infrastructure find this program especially desirable.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Civil Engineering, BSE
> Civil Engineering (Environmental Engineering), BSE
> Civil Engineering (Sustainable Engineering), BSE
> Construction Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a written comprehensive exam.

All candidates for the Master of Science in engineering are required to complete approved graduate coursework.

Additional courses may be assigned by the graduate supervisory committee depending on the background of the candidate.

Details of the comprehensive written examinations for the different specialty areas can be obtained on the graduate studies section of the program's website.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to to apply to the program if they have earned a bachelor's or master's degree in engineering or other closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must take the GRE and have their scores sent to Graduate Admission Services. Prospective students should note that the following two requirements need to be met for consideration for admission: minimum score in the quantitative section is 700 and a minimum combined quantitative and verbal score is 1100. More information regarding how to send official GRE scores to Graduate Admission Services can be found at https://admission.asu.edu/graduate/apply (https://admission.asu.edu/graduate/apply).

A student whose undergraduate degree is not in civil or construction engineering is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree programs are specified at the time of admission and details can be obtained on the graduate studies section of the program's website.

Applicants with an undergraduate GPA lower than 3.00 may be provisionally admitted at the discretion of the admission committee.

Career Opportunities:

The construction engineering graduate, with a strong background in design and management, is prepared to enter a career in the engineering and construction industry as a field engineer, project engineer or project designer working for:

- construction companies
- design firms
- facility owners
- materials suppliers
- specialty subcontractors

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Construction Engineering
https://ssebe.engineering.asu.edu/graduate/construction-eng/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Construction Management, PHD (ESCONPHD)

Online Degree Search Title: Construction Management, PhD
Campus: Tempe

Program Description:
The Del E. Webb School of Construction has one of the top construction management doctoral programs in the United States. It provides a rigorous education and teaching environment for students seeking an advanced degree.

The PhD program in construction management requires novel, independent research that broadly contributes to the construction management body of knowledge; transdisciplinary research is often required due to the nature of the topics studied. Students can focus their elective coursework in emphasis areas such as heavy construction, commercial and residential, and specialty construction.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctoral program in construction typically requires three to four years of full-time study and research beyond the master's degree. Generally, students are admitted into the doctoral program at or near the completion of their master's degree.

The program requires 84 credit hours post-bachelor's degree or 54 credit hours post-master's degree.

The program consists of:
- core construction courses
- elective courses
- a qualifying examination
- a written and oral comprehensive examination
- admission to candidacy
- successful defense of a dissertation prospectus and complete dissertation

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Students who hold a master's degree in a related field from a regionally accredited university or equivalent are eligible to apply for admission to the program. Only exceptional students are admitted without a master's degree. Related fields include construction, civil engineering, architecture and business. At the discretion of the admission committee, students from other disciplines may be eligible as well. In addition, applicants are expected to be competent in construction topics.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- official GRE scores
- a current resume
- an evaluation of the student's academic and professional background
- masters' degree thesis abstract
- personal statement
- research interests
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate proficiency in spoken English; a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Applicants must take the GRE and have their official scores sent directly to Graduate Admission Services. More information regarding how to send official GRE scores can be found on the Graduate Admission Services website.

The personal statement should describe the applicant's career goals and research objectives.

Career Opportunities:
Graduates of the Del E. Webb School of Construction's doctoral program have careers in architecture, engineering and construction industries, academia, and local, state and federal government. The program provides a foundation for students who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually become principals of firms engaged in the construction of industrial, commercial or residential projects.

The heavy construction emphasis area prepares students for careers related to public works such as highways, airports, bridges, utility systems and water or waste treatment facilities.

The commercial and residential emphasis areas prepare students for careers in real estate development, home production systems, commercial construction, health care and special industrial building projects. Students are also prepared to enter the sustainable or green construction market.

The specialty construction emphasis prepares students to organize, lead and manage the building process at the subcontractor level and prepares students for careers as contractors working with mechanical and electrical systems. It also prepares students for careers in management at specialty contracting firms, such as control systems, electrical distribution or heating, ventilation and air conditioning systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants as well as commercial facilities.

Contact Information:
Engineering, Ira A. Fulton Schools of
Del E. Webb Construction
https://ssebe.engineering.asu.edu/graduate/construction-mgmt/
ECG 437
sebe.advising@asu.edu
480-965-0595

Construction Management and Technology, MS (ESCONSTMS)
Online Degree Search Title: Construction Management and Technology, MS
Campus: Tempe, Online

Program Description:
The transdisciplinary MS program in construction management and technology allows students with a bachelor's degree in construction or a related field such as architecture, business or engineering to broaden and improve their professional capabilities in construction. This meets the growing need for professionals with advanced technical, management and applied research skills in the construction industry.

The program allows a candidate's plan of study to reflect individual interests and career goals. Courses are offered in several areas, allowing a student to tailor their degree to their interests:

- construction management --- project, program and company management

- commercial and residential areas --- various types of real estate development

- facilities management --- maintenance, operation, renovation or decommissioning of existing facilities

- heavy construction --- infrastructure development

- specialty construction --- mechanical and electrical systems

This program is facilitated by the faculty of the Del E. Webb School of Construction.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Construction Management and Technology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours and an applied project (CON 593).

Required Core (6 credit hours)

Project Management and Controls Core Area (3 credit hours)
CON 502 Front-End Planning (3)
CON 530 Facilities Operations and Maintenance (3)
CON 532 Facilities Project Management (3)
CON 540 Construction Productivity (3)
CON 541 Public Works Capital Construction (3)
CON 545 Construction Project Management (3)
CON 548 Sustainable Construction (3)
CON 551 Alternative Project Delivery Methods (3)
CON 557 Principles of Leadership for Project Managers (3)
CON 567 Advanced Procurement Systems (3)
CON 589 Construction Company Financial Control (3)

Construction Technology Core Area (3 credit hours)
CON 531 Facility Management: Building Energy Management (3)
CON 554 Trenchless Construction Methods (3)
CON 570 Introduction to Advanced Technology Facilities (3)
CON 571 Construction of Advanced Technology Facilities (3)
CON 575 Information Technology in Construction (3)

Electives or Research (18-24 credit hours)

Culminating Experience (0-6 credit hours)
CON 593 Applied Project (3)
CON 599 Thesis (6)
written comprehensive exam (0)

Additional Curriculum Information
Students chose one three-credit hour course from each of the core areas listed above for a total of nine credit hours. If a course is chosen as a core area course, it cannot be used as an elective course simultaneously.

The number of electives and research is adjusted depending on the culminating experience chosen by the student.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- current resume
- an evaluation of the student's academic and professional background
- personal statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency by meeting the Graduate College English proficiency requirements regardless of current residency.

Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate proficiency in spoken English, and a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Applicants are expected to be competent in basic construction topics.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-construction-management/)

Career Opportunities:
Graduates of the construction management and technology program are well prepared for numerous types of careers, depending upon which subject area they focused their coursework:

construction management --- project managers, project engineers, estimators or schedulers who can eventually become principals of firms engaged in the construction of industrial, commercial or residential projects

commercial and residential --- real estate developers, commercial construction managers, managers and supervisors of health care and special industrial building projects or home production systems, and managers or supervisors of sustainable or green construction

facilities management --- managers who supervise the maintenance, operation, renovation or decommissioning of existing facilities

heavy construction --- supervisors of the construction and maintenance of public works such as highways, airports, bridges, utility systems and water or waste treatment facilities

specialty construction --- organizers, leaders and managers of the building process at the subcontractor or contractor level working with mechanical and electrical systems, and in management at specialty contracting firms, such as those who do work in control systems, electrical distribution or HVAC systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants as well as commercial facilities

Contact Information:
Engineering, Ira A. Fulton Schools of
Del E. Webb Construction
https://ssebe.engineering.asu.edu/graduate/construction-mgmt/
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480-965-0595

Data Science, Analytics and Engineering, PHD (ESDSEPHD)
Online Degree Search Title: Data Science, Analytics and Engineering, PhD
Campus: Tempe

Program Description:
The PhD program in data science, analytics and engineering engages students in fundamental and applied research.

The program's educational objective is to develop each student's ability to perform original research in the development and execution of data-driven methods for solving major societal problems. This includes the ability to identify research needs, adapt existing methods and create new methods as needed. This is accomplished through a rigorous education with research and educational experiences.

Students complete a foundational core covering database management, information assurance, statistical learning and statistical theory before choosing to focus on data analytics or data engineering. The program culminates in the production of a dissertation.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
CSE 511 Data Processing at Scale (3)
CSE 543 Information Assurance and Security (3)
CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)
IEE 670 Mathematical Statistics (3) or STP 502 Theory of Statistics II: Inference (3)

Electives (39 credit hours)

Research (12 credit hours)
DSE 792 Research (12)

Other Requirements (9 credit hours)
data engineering coursework or
data analytics coursework

Culminating Experience (12 credit hours)
DSE 799 Dissertation (12)

Additional Curriculum Information
All students must take qualifying exams covering the required core courses within one year of matriculation into the program.

The dissertation prospectus should be submitted and its oral defense completed no later than one year following completion of the 60th credit hour and also no later than the fourth year in the program.

Students must select coursework from either the data engineering or the data analytics requirements. Students should see the academic unit for the approved course list.

Students cannot take a data engineering or data analytics course and have it meet an elective requirement at the same time. Students need to take a different elective course to reach the number of credit hours required for the program. Other coursework may be used with approval of the academic unit to fulfil these requirements.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are to be made up of electives to reach the required 84 credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, computer science, mathematics, statistics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- letter of intent or written statement

- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

If the student is assigned any deficiency coursework upon admission, those classes must be completed with a grade of "B"; (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses do not apply to the total credit hours required to complete the degree program.

Deficiency courses are:

CSE 205 Object-Oriented Programming and Data Structures
IEE 380 Probability and Statistics for Engineering Problem Solving
MAT 242 Elementary Linear Algebra OR MAT 342 Linear Algebra OR MAT 343 Applied Linear Algebra
MAT 267 Calculus for Engineers III

Career Opportunities:

Graduates demonstrate proficiency with existing methodology and significant accomplishment at advancing the state of the art in their chosen area, enabling them to pursue careers in advanced research, teaching, business, industry and government.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://scai.engineering.asu.edu/graduate-data-science-analytics-and-engineering/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Electrical Engineering, MS (ESEEMS)

Online Degree Search Title: Electrical Engineering, MS
Campus: Tempe

All students seeking a master's degree in electrical engineering must apply to the electrical engineering MSE (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/ESEEMSE/graduate/false) program.

Program Description:

This program does not accept applications to the MS directly. If interested in the Master of Science program, students should apply to the MSE program and, once admitted, consult with the Master of Science in Engineering program advisors.

The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a research program leading to the Master of Science in electrical engineering.

Graduate courses and programs are offered in the following six areas of specialization:

- control systems
- electric power and energy systems
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- physical electronics and photonics
- signal processing and communications.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, BSE
Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

The credits earned toward this research degree must include a minimum of eight courses (24 credit hours minimum) and six hours of EEE 599 Thesis. As part of the eight courses, at least two should be outside the area of specialization.

Requirements include:
at least four EEE courses
at least two courses outside the area of specialization
at most two 400-level courses
at least three EEE 500-level courses
at most one EEE 590 Reading and Conference or FSE course
exam

A final oral examination in defense of the thesis completes the master's degree requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students desiring the Master of Science in electrical engineering must initially apply to the Master of Science in Engineering program. Students who later obtain a research advisor may transfer to the Master of Science program.

Career Opportunities:

The graduate with a Master of Science in electrical engineering has an advanced understanding of electrical engineering concepts and theories and the ability to develop, contribute to, and apply them to their specialization.

Career examples include:

 • computer hardware engineer
 • computer and information research scientist
 • computer network architect
 • director of engineering
 • electrical engineer
 • electrical engineering researcher
 • energy engineer

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering, MSE (ESEEMSE)

Online Degree Search Title: Electrical Engineering, MSE

Campus: Tempe, Online

Program Description:
The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a professional program leading to the MSE in electrical engineering.

Graduate courses and programs are offered in six areas of specialization:

- control systems (not an option for the online degree but available to on-campus students)
- electric power and energy systems
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- physical electronics and photonics
- signal processing and communications

A concurrent degree, the MBA/MSE in electrical engineering, is available as an online option. For more information, students should visit the following W. P. Carey School of Business website: https://wpcarey.asu.edu/mba-programs/online/concurrent-degrees (https://wpcarey.asu.edu/mba-programs/online/concurrent-degrees).

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Online Program

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Electrical Engineering, BSE
> Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a written comprehensive exam.

The master's degree in electrical engineering is a professional degree program requiring a minimum of 30 credit hours of coursework (a minimum of 10 classes) and a final comprehensive examination in the area of specialization. The examination is given each semester at the end of the sixth week of classes.

Requirements include:

at least five EEE courses
at least three EEE 500-level courses
at least two courses outside the area of specialization
at most one EEE 590 Reading and Conference or FSE course
at most two 400-level courses

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

The decision to admit a student who has earned a bachelor's degree from a program accredited by ABET to a master's degree program in electrical engineering is based on a number of factors. A minimum requirement is an undergraduate GPA of 3.00 (scale is 4.00 = "A") in the student's last two years of undergraduate work.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- GRE scores (required if undergraduate program is not ABET-accredited)*
- proof of English proficiency

*International and domestic applicants are exempt from taking the GRE if they have earned a degree from an ABET-accredited program (https://www.abet.org/ (https://www.abet.org/)) from a U.S. or overseas institution and if they meet the minimum GPA required for admission. Students who do not meet these requirements are required to provide GRE scores.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the TOEFL iBT or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Admission to electrical engineering graduate programs is highly competitive. Preferred applicants have an undergraduate degree in electrical engineering.

Applicants should see the program website for application deadlines.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering-electrical-engineering/)

Career Opportunities:
Graduates of the Master of Science program in electrical engineering have an advanced understanding of electrical engineering concepts and theories.

Career examples include:

- computer hardware engineer
- computer and information research scientist
- computer network architects
- director of engineering
- electrical engineer
- energy engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
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https://ecee.engineering.asu.edu/
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Electrical Engineering, PHD (ESEEPHD)

Online Degree Search Title: Electrical Engineering, PhD
Campus: Tempe

Program Description:
The PhD in electrical engineering is awarded upon evidence of excellence in research leading to a scholarly dissertation that is a contribution to knowledge.

Graduate courses and programs are offered in the following six areas of specialization:

- control systems
- electric power and energy systems
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- physical electronics and photonics
- signal processing and communications

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Doctoral students are required to complete 84 credit hours of academic credit beyond the bachelor's degree. The following summarizes the degree course requirements:

Master's degree (30 credit hours)
from any accredited institution

Electives 500-level or above (18 credit hours)
at least nine credit hours of EEE courses

Research Class or Omnibus Courses (12 credit hours)
can be 400-level and above or
EEE 792 Research (12)

Dissertation (12 credit hours)
EEE 799 Dissertation (12)

Additional Curriculum Information
The 84 credit hours include 30 credit hours from the master's degree, a required 18 credit hours of doctoral coursework, 12 credit hours of research (EEE 792), and 12 credit hours (and only 12 credit hours) of dissertation (EEE 799).

The additional 12 credit hours can be more hours of research (EEE 792) or can be coursework as determined by the supervisory committee. At least nine credit hours of the minimum requirement of 18 credit hours of doctoral coursework must be in electrical engineering. EEE 790 Reading and Conference can be used for no more than three credit hours toward the required 18 but does not count toward the nine hours of 500-level EEE classes required.

All courses counting toward the required 18 credit hour minimum must be at the 500 level or higher. (Note: All courses having the prefix EEE 591 count as 400-level courses.) No more than one three-hour reading and conference course (EEE 790) may be taken as part of the 18 credit hour requirement. The content of any proposed reading and conference course must be reviewed and approved by the electrical engineering graduate program chair before a student registers for the course.

A qualifying examination, a comprehensive exam and the dissertation defense are required. Additional information on the program can be found in the Blue Student Guide published and available on the program's website.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

In general, a student must have a minimum GPA of 3.00 (scale is 4.00 = "A") in all undergraduate coursework and a minimum GPA of 3.50 (scale is 4.00 = "A") in all graduate coursework for admission to the doctoral program. A student usually must hold a master's degree before being admitted to the doctoral program. Direct doctoral admission is available for students graduating from an ABET-accredited electrical engineering program with a GPA of 3.60 (scale is 4.00 = "A") or higher.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

A student whose master's degree is not from a U.S. institution must score 156 or higher on the quantitative section of the GRE General Test. A good score on the writing portion is considered desirable.

A student whose undergraduate degree is not in electrical engineering may need to take appropriate undergraduate courses to establish a baseline of knowledge in the discipline.

Applicants should see the program website for application deadlines.

Career Opportunities:
The graduate with a PhD in electrical engineering has an advanced understanding of electrical engineering concepts and theories and the ability to develop, contribute to, and apply them to their specialization.

Career examples include:

- computer hardware engineer
- computer and information research scientist
- computer network architect
- director of engineering
- electrical engineer
- electrical engineering researcher
- energy engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
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Electrical Engineering (Arts, Media and Engineering), MS (ESAMEMS)

Online Degree Search Title: Electrical Engineering (Art, Media and Eng), MS
Campus: Tempe

Program Description:
This concentration in arts, media and engineering in the MS program in electrical engineering is a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts, and it is available for MS and PhD students admitted to this program who take two-thirds of their course, research and thesis credits from the electrical engineering program and one-third of the credits from the arts, media and engineering program.

All applicants are strongly encouraged to review the FAQ on this concentration available at https://ecee.engineering.asu.edu/arts-media-and-engineering-ms-phd/ (https://ecee.engineering.asu.edu/arts-media-and-engineering-ms-phd/).

Electrical engineering students in the arts, media and engineering concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being as well as promotion of environmentally sustainable practices.

For more information on current research projects and initiatives, students should see https://artsmediaengineering.asu.edu/faculty-research (https://artsmediaengineering.asu.edu/faculty-research).

Degree Requirements:
30 credit hours and a thesis.

Eight courses are required for this program, typically five from EEE and three from AME. In addition, six credit hours of thesis are required, typically four credit hours from EEE and two from AME.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Students from ABET-accredited undergraduate programs who wish to be considered for a master's degree program must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last two years of undergraduate coursework. Students from undergraduate programs that are not accredited by ABET must have a minimum GPA of 3.50 (scale is 4.00 = "A") in the last two years of undergraduate coursework or have graduated first class with distinction and must score in the 90th percentile or higher on the quantitative section of the GRE general test.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the hybrid nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Applicants will have the opportunity to upload their curriculum vitae and statement of purpose when completing the online application. Additionally, the arts, media and engineering program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Career Opportunities:
Graduates are able to apply new ideas, theories and systems related to the intersection of media arts and electrical engineering. The transdisciplinary nature of this program allows art, media and engineering graduates to connect electrical engineering signals and systems constructs to multimedia computing, digital communication, immersive augmented reality and virtual reality experiences, and data visualization.

Career examples include:

- augmented and virtual reality researcher
- computer systems engineer
- electrical engineering professor
- systems software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Arts, Media and Engineering), PHD (ESAMEPHD)
Online Degree Search Title: Electrical Engineering (Art, Media and Eng), PhD
Campus: Tempe

Program Description:
This concentration in arts, media and engineering is a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts, and it is available for MS and PhD students admitted to this program.

Students take two-thirds of their coursework from the electrical engineering program and one-third of the credits from the arts, media and engineering program.

All applicants are strongly encouraged to see the FAQ on this concentration available at https://ecee.engineering.asu.edu/arts-media-and-engineering-ms-phd/ (https://ecee.engineering.asu.edu/arts-media-and-engineering-ms-phd/).

Electrical engineering students in the arts, media and engineering concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being, as well as promotion of environmentally sustainable practices. For more information on current research

projects and initiatives, students should visit https://artsmediaengineering.asu.edu/faculty-research (https://artsmediaengineering.asu.edu/faculty-research).

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The program requires the following:

- a comprehensive examination
- the dissertation defense
- a qualifying examination
- 10 courses, typically seven from EEE and three from AME
- 12 credit hours of dissertation, typically eight credits from EEE and four from AME
- 12 credit hours of research, typically eight credits from EEE and four from AME

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants with a master's degree who wish to be considered for the doctoral program must have a minimum GPA of 3.50 (scale is 4.00 = "A") in their master's degree program. Applicants without a master's degree must have a minimum GPA of 3.60 (scale is 4.00 = "A") in the last two years of undergraduate coursework and have graduated from an ABET-accredited undergraduate program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based test (iBT) or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the transdisciplinary nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Applicants will have the opportunity to upload their curriculum vitae and statement of purpose when completing the online application. Additionally, the arts, media and engineering program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Career Opportunities:
Graduates are able to generate and apply new ideas, theories and systems related to the intersection of media arts and electrical engineering. The transdisciplinary nature of this program allows art, media and engineering graduates to connect electrical engineering signals and systems constructs to multimedia computing, digital communication, immersive augmented reality and virtual reality experiences, and data visualization.

Career examples include:

- augmented and virtual reality researcher
- computer systems engineer
- electrical engineering professor
- systems software engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209

askee@asu.edu
480-965-3424

Engineering, MEng (ESENGRMENG)

Online Degree Search Title: Master of Engineering, MEng
Campus: Online

Program Description:
Engineers have the opportunity to gain valuable experience applicable to their chosen industry while gaining an advanced degree.

The MEng degree program is designed to meet the unique needs of professional engineers, and it is delivered entirely online. It is a practice-oriented degree program, and students can customize their learning experience by selecting a curriculum that addresses their academic and professional goals.

In this master's degree program, multiple emphasis areas are available. Within each area of study, there are specific course requirements in addition to the general program requirements. Students can select one of several areas of study available, such as engineering management, quality, reliability and statistical engineering, and systems engineering. A computing and technology area of study has been developed to support ASU's global initiatives.

Convenience and flexibility are key advantages of this program. The Master of Engineering is a 30 credit hour degree program that does not require GRE results, a thesis or on-campus attendance; it is only available through distance learning. The program is supported through online courses available from the Ira A. Fulton Schools of Engineering.

Degree Requirements:
30 credit hours and a written comprehensive exam, or 30 credit hours and an oral comprehensive exam, or 30 credit hours including the required applied project course (CSE 593 or IEE 585 or IEE 593).

Students must complete 30 credit hours equaling 10 courses to earn a Master of Engineering. Half of all coursework, excluding the practice-oriented project, must be in engineering.

Students must complete three credit hours of applied engineering mathematics and three credit hours of engineering management or business.

A culminating event is required and is identified by the student's advisory committee. It could be a final written or oral examination or the final report of a practice-oriented project. Additional requirements may exist for some academic units and emphasis areas of the Master of Engineering program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the desired field of study from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts from all institutions attended
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/)

Career Opportunities:
Engineers approach a broad range of disciplinary and transdisciplinary opportunities by applying new approaches and technologies to solve problems, innovate and create value.

The Master of Engineering degree is an interdisciplinary program preparing engineering, science and technology majors with more advanced technical, management and practical skills that enhance a student's marketability to potential employers. The program is designed for people who are already employed in engineering or technical roles, or who are interested in expanding their skill set before entering a technical organization as manager or individual contributors.

According to the Bureau of Labor Statistics, engineers are highly paid, and there is significant growth in the number of employment opportunities. Graduates of this multidisciplinary program are able to fill these roles in the following career paths:

• Engineering managers hold leadership positions in the management of projects, process and people, combining engineering competency with managerial skills to support the efficient development of new technology and products.
• Quality and reliability engineers utilize engineering principles to make business and production processes and products more efficient and dependable. They may also look for ways to seek efficiencies while maintaining reliable products and production methods.
• Systems engineers may become technical managers who develop the technical design of complex systems, and manage them, by building on their interdisciplinary expertise, systems engineering principles and practical experience.

Contact Information:
Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
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CAVC 375
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480-965-0637

Engineering, MS (TSEGRMS)
Online Degree Search Title: Engineering, MS
Campus: Polytechnic

Program Description:
In the MS program in engineering, students develop applied analytical expertise across disciplinary boundaries, with direct applications of advanced design principles to system design, management and control.

The student's expertise, developed through the core curriculum, is reinforced with the flexibility of focus area options that include alternative energy, mechanical engineering and manufacturing engineering.

The culminating experience options are also flexible, allowing students to tailor the program to support their unique career goals while also becoming problem-solvers who create and shape the future.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Engineering (Automotive Systems), BSE
Engineering (Electrical Systems), BSE
Engineering (Mechanical Engineering Systems), BSE
Engineering (Robotics), BSE
Manufacturing Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (EGR 593).

Required Core (6 credit hours)
EGR 520 Engineering Analysis I (3)
EGR 530 Principles of Systems Engineering (3)

Focus Area (15 credit hours)

Electives (3-9 credit hours)

Culminating Experience (0-6 credit hours)

EGR 593 Applied Project (3) or
EGR 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for a list of approved electives.

The elective credit hours required are dependent upon the chosen culminating experience option. Completion of 30 credit hours of coursework is required for all culminating experience options.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should review the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

Career Opportunities:
Engineers collaborate on interdisciplinary teams to design, manufacture and deliver innovative technological products and services. Program graduates possess not only sophisticated engineering technical skills but also the important professional skills of communication, teamwork and collaboration, and the adaptability that many employers seek.

Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to pursue a doctorate degree. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some graduates start companies of their own.

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Engineering Education Systems and Design, PHD (ESEESDPHD)

Online Degree Search Title: Engineering Education Systems and Design, PhD
Campus: Polytechnic

Program Description:
The PhD program in engineering education systems and design prepares all students to conduct engineering education research related to their scholarly interests using a systems and design approach.

Students who enroll in the program have a passion for developing skills as engineering education researchers and commitment to contributing to

the engineering education community. Learning is driven by engagement with faculty and peers through coursework, research and programmatic events. Students who complete the program will be equipped as exemplary scholars and leaders ready to take on a variety of roles across a range of educational settings (e.g., pre-college and higher education, science centers, government agencies, museums, policy setting institutions and industry).

Students may enter the program with a bachelor's or master's degree in an engineering or a related discipline. Areas of research may include workforce adaptability, culturally responsive education, education policy, accessibility, broadening participation in engineering, engineering classroom pedagogy, race and gender studies, student persistence, online education and teacher empathy.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam and a dissertation.

Required Core (21 credit hours)
EGR 535 Innovation and Design of Engineering Academic Settings (IDEAS) (3)
EGR 565 Qualitative Methods for Engineering Education Research (3)
EGR 572 Quantitative Methods for Engineering Education Research (3)
EGR 574 Engineering Education Systems in Context (3)
EGR 576 From Then Until Now: Examining Inequities in STEM (3)
EGR 671 Applications of Qualitative Methods for Engineering Education Research (3)
EGR 673 Applications of Quantitative Methods for Engineering Education Research (3)

Electives and Research (18 credit hours)
electives (6)
research (12)

Other Requirement (3 credit hours)
EGR 594 Topic: EESD Seminar (3)

Culminating Experience (12 credit hours)
EGR 799 Dissertation (12)

Additional Curriculum Information
Students may be allowed to apply up to 30 credit hours from a previously awarded master's degree to their doctoral program as approved by the academic unit and the Graduate College. If students do not have a master's degree, the remaining 30 credit hours must consist of at least 18 graduate-level credit hours in a particular engineering discipline and at most nine credit hours in support of the student's dissertation research area.

Students are allowed up to six credit hours of 400-level coursework on the student plan of study with appropriate faculty advisor and program chair approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee
   • official transcripts
   • statement of purpose
   • CV or resume
   • writing sample
   • two letters of recommendation
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english (https://globallaunch.asu.edu/learn-english)

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

The GRE requirement is being waived for applicants through Spring 2023.

Career Opportunities:
Upon completion of the program, graduates are equipped for competitive positions in top-tier research institutions as exemplary scholars and teachers or for work as leaders in engineering education in a variety of settings, including:

- education startups
- government agencies
- industry
- policy setting institutions
- science centers and museums
- think tanks
- universities

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/engineering/phd/
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480-727-4723

Engineering Science (Software Engineering), MSE (ESSFEMSE)

Online Degree Search Title: Engineering Science (Software Engineering), MSE
Campus: Online

Program Description:
The MSE program in engineering science with a software engineering concentration offers specialized courses founded on the fundamentals and principles of software engineering. The program provides the knowledge and skills needed by a software engineer or software task leader on large and small projects requiring either agile methodologies or formal capability maturity model integration approaches.

The program addresses major software development methodologies, techniques, tools and processes for developing and managing software projects. The curriculum is based on the Software Engineering Body of Knowledge under the leadership of the IEEE Computer Society. Each course places an emphasis on applied assignments and projects that are relative to the student's workplace.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours including the required applied project course (CSE 593).

Required Core (6 credit hours)
CSE 565 Software Verification, Validation, and Testing (3)
CSE 566 Software Project, Process, and Quality Management (3)

Concentration (3 credit hours)
CSE 591 Topic: Software Engineering Principles and Concepts (3)

Restricted Electives (18-21 credit hours)

Culminating Experience (0-3 credit hours)
CSE 593 Applied Project (3)
portfolio (0)

Additional Curriculum Information

For an approved list of restricted electives, students should see the academic unit.

Students select five or six elective courses: five for the applied project option or six for the portfolio option.

Two faculty member-approved 400-level courses may also be selected as electives for the restricted electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer engineering, software engineering or a related field from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 12 units of the postbaccalaureate transcript.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must provide evidence of demonstrated expertise in the area of object-oriented programming, advanced data structures, algorithm design and algorithm analysis; maturity in high-level programming (required); and successful completion of Calculus I (a minimum requirement).

GRE scores are not required.

Graduates of non-U.S. institutions must satisfy admission requirements established by the ASU Graduate College.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering-engineering-science-concentration-software/)

Career Opportunities:
Software engineers solve a broad range of disciplinary and transdisciplinary problems and apply new technologies to improve the quality of life. This master's degree prepares graduates for advanced study in computing and engineering, and it provides leadership to software engineering development projects and teams. Graduates of the program have experience using the software development life cycle and tools to solve complex, real-world problems.

According to the Bureau of Labor Statistics, software engineers are highly paid, and there is significant growth in the number of employment opportunities. Some software engineering jobs may include:

- developing software to manage new regulatory requirements in industries such as health care, and administering existing policies digitally
- identifying requirements and developing testing plans for computer systems being built into consumer electronics
- leading software development teams and projects for organizations of various sizes and complexities

Contact Information:
Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
https://asuengineeringonline.com/
CAVC 375
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480-965-0637

Environmental and Resource Management, MS (ESERMMS)
Online Degree Search Title: Environmental and Resource Management, MS
Campus: Polytechnic

Program Description:

The MS program in environmental and resource management provides the regulatory and technical background needed to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve engineered and natural ecosystems. It is designed for students with a background in the sciences, engineering, management, natural resources management, environmental health and safety, or other affiliated areas.

The curriculum focuses on areas such as environmental law, water and wastewater treatment, air pollution management, solid and hazardous waste management, management of hazardous materials, soils and groundwater contamination, water law and policy, environmental toxicology, hazardous waste management, natural resources management, occupational health and safety, sustainable development, and international environmental laws and policies.

Graduate courses are available in a traditional face-to-face format as well as web-based distance learning. It is possible to complete the program within two years, including summers. Many students are working professionals and are able to finish the degree while working full time.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Business (Global Agribusiness), BA
> Environmental Science, BS
> Environmental Science, BA
> Environmental and Resource Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours including the required applied project course (ERM 593).

Required Core (6 credit hours)
ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental/Resources Regulations Concepts (3)
ERM 503 Principles of Toxicology (3)

Track Courses (9 credit hours)

Electives or Research (6-12 credit hours)

Other Requirement (3 credit hours)
ERM 506 Chemistry of Hazardous Materials (3)

Culminating Experience (0-6 credit hours)
ERM 593 Applied Project (3)
ERM 599 Thesis (6)
portfolio (0)
written comprehensive exam (0)

Additional Curriculum Information
Students select either the environmental management track or the international environmental management track.

Students choose one of the culminating experiences listed above. Thesis students take nine credit hours of electives and research; applied project students take 12 credit hours of electives and research; portfolio and written comprehensive exam students take 15 credit hours of electives and research.

Students should see the academic unit for a complete list of approved electives and track courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in one of the following fields: environmental engineering, environmental and resource management, biology, chemistry, geology, environmental health, environmental management, environmental science, occupational safety and health, environmental technology, industrial hygiene, natural resource management, or a related field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
Graduates are employed by industrial operations such as manufacturing and mining industries; federal, state and local environmental and water agencies; environmental firms; utilities; nongovernmental organizations; and international agencies such as the U.N. and the World Bank.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

Contact Information:
Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
https://poly.engineering.asu.edu/erm/ms-environmental-and-resource-management/
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480-727-4723

Environmental and Resource Management (Water Management), MS (ESERMWTMS)
Online Degree Search Title: Environmental and Resource Management (Water Management), MS
Campus: Polytechnic

Program Description:
The MS program in environmental and resource management provides students who have a background in the sciences, engineering, management, natural resources management, environmental health and safety, or other affiliated areas with the regulatory and technical background they need to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve engineered and natural ecosystems.

The concentration in water management focuses on issues of water quality, supply, treatment, reclamation, conservation and augmentation strategies. This program is applicable especially to people who work in municipal, state, federal and tribal water and environmental agencies; water providers to urban and agricultural users; people who work in manufacturing and mining industries; as well as those interested in sustainable development in this country and around the world.

Graduate courses are available in a traditional face-to-face format as well as web-based, asynchronous distance learning. It is possible to complete the program within two years, including summers. Many students are working professionals and are able to finish the degree while working full time.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Environmental Science, BS
> Environmental Science, BA
> Environmental and Resource Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours including the required applied project course (ERM 593).

Required Core (6 credit hours)
ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental/Resources Regulations Concepts (3)
ERM 503 Principles of Toxicology (3)

Concentration (9 credit hours)
ERM 523 Soils and Groundwater Contamination (3)
ERM 533 Water and Wastewater Treatment Technologies (3)
ERM 535 Water Law and Policy (3)

Electives or Research (9-15 credit hours)

Culminating Experience (0-6 credit hours)
ERM 593 Applied Project (3)
ERM 599 Thesis (6)
portfolio (0)
written comprehensive exam (0)

Additional Curriculum Information
Students choose one of the culminating experiences listed above. Thesis students take nine credit hours of electives and research; applied project students take 12 credit hours of electives and research; portfolio and written comprehensive exam students take 15 credit hours of electives and research.

Students should see the academic unit for the approved course list for electives or research. Other coursework may be used with the approval of the academic unit.

The thesis and applied project options have an oral defense.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:

Graduates are employed by industrial operations such as manufacturing and mining industries; federal, state and local environmental and water agencies; environmental firms; utilities; international agencies such as the U.N. and the World Bank; and NGOs.

Contact Information:

Engineering, Ira A. Fulton Schools of
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https://poly.engineering.asu.edu/erm/
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polygrad@asu.edu
480-727-4723

Environmental Engineering, MS (ESEVEMS)

Online Degree Search Title: Environmental Engineering, MS
Campus: Tempe

Program Description:

The MS program in environmental engineering is designed for students who have a background in agricultural, biological, chemical, civil or environmental engineering or related fields.

The program provides students with advanced knowledge that can be applied when addressing grand challenges facing society, such as how to supply clean water and safe food, design a future without pollution, recover valuable resources from waste, and create healthy and smart cities.

Environmental engineers study nanotechnology, biotechnology and sustainable engineering.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours and an applied project (EVE 593).

Required Core (12 credit hours)
CEE 561 Physical-Chemical Treatment of Water and Waste (3)
CEE 562 Environmental Biochemistry and Waste Treatment (3)
CEE 563 Environmental Engineering Chemistry (3)
CEE 567 Environmental Microbiology (3)

Electives or Research (6 - 12 credit hours)

Other Requirements (6 credit hours)
CEE 560 Soil and Groundwater Remediation (3)
CEE 564 Contaminant Fate and Transport (3)
EVE 568 Environmental Risk Assessment (3)
EVE 571 Water Quality Modeling (3)

Culminating Experience (3 or 6 credit hours)
EVE 593 Applied Project (3) or
EVE 599 Thesis (6)

written comprehensive exam (0)

Additional Curriculum Information
Students complete a thesis, applied project or take a written comprehensive exam as the culminating experience. Regardless of the culminating experience chosen, all students in the program complete six credit hours from the other requirements course list. Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in environmental engineering, chemical engineering, civil engineering, agricultural engineering, biological engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

The student's credentials for admission are evaluated by the graduate program chair. A student whose undergraduate degree is not in environmental engineering or a related field is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree program are specified at the time of admission.

Prospective students should note the following GRE score requirements need to be met for consideration for admission: minimum score in the quantitative section of 155 and minimum combined score for the quantitative and verbal sections of 301.

Applicants are strongly encouraged to submit a professional resume and personal statement.

Career Opportunities:
Graduates with a master's degree in environmental engineering are employed in engineering consulting, private industry, local and federal government, and nongovernmental organizations.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Envirnmt
https://ssebe.engineering.asu.edu/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Graphic Information Technology, MS (ESGITMS)
Online Degree Search Title: Graphic Information Technology, MS
Campus: Polytechnic, Online

Program Description:
The MS program in graphic information technology provides students the opportunity to study within the various areas of graphics and cross-media design. Courses offered provide students with a working knowledge of the technology and management required of the diverse graphic industries.

This program prepares students to be industry leaders who develop and manage content through numerous communication and distribution modes. Creative and comfortable with complex digital technology, graduates are innovative problem-solvers prepared for leading roles in the rapidly evolving graphics industry.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Science (Graphic Information Technology), BAS
Applied Science (Internet and Web Development), BAS
Graphic Information Technology, BS
Graphic Information Technology (Full-Stack Web Development), BS
Graphic Information Technology (User Experience), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (GIT 593).

Required Core (3 credit hours)
GIT 537 Current Issues in Cross Media Production (3)

Electives or Research (18-24 credit hours)

Other Requirement (3 credit hours)
GIT 500 Research Methods (3)

Culminating Experience (0-6 credit hours)
GIT 593 Applied Project (3) or
GIT 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students select an applied project, thesis or portfolio for the culminating experience. The culminating experience selected determines how many electives or research credit hours the student needs to take to complete 30 credit hours for the program.

Students should note that the thesis option is only available for on-campus students.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or master's degree from a regionally accredited institution in a related field such as graphic design, web design and development, photography, videography, motion graphics and visual effects, or user experience design.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- proof of English proficiency
- writing sample

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should review the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: https://globallaunch.asu.edu/learn-english/asu-admission (https://globallaunch.asu.edu/learn-english/asu-admission).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/graphic-information-technology-ms/)

Career Opportunities:
This degree program prepares graduates for management positions in diverse graphic technology industries, such as:

- digital asset management
- digital media production
- internet and web development
- motion graphics
- planning and evaluation of cross media content creation and output
- pre-media, digital printing and publishing
- social media
- usability and user experience

Contact Information:
Engineering, Ira A. Fulton Schools of
Graphic Information Technology
https://poly.engineering.asu.edu/git/ms-in-graphic-information-technology/
SUTON 240
polygrad@asu.edu
480-727-4723

Human Systems Engineering, MS (ECAPSYCHMS)
Online Degree Search Title: Human Systems Engineering, MS
Campus: Polytechnic

Program Description:
The MS program in human systems engineering in the Ira A. Fulton Schools of Engineering provides students with a deep understanding of the science of human performance and experience.

Students learn to use methods and tools that enable them to apply this understanding, to design and problem solve in a wide variety of domains such as product usability, learning design, sports performance, cyber security, human-robot teaming and workplace and patient safety.

A broad range of professions needs experts in human factors to work on problems that involve an understanding of human performance. Students gain real-world experience by tackling projects that examine cutting-edge issues such as cell phones as a source of driver distraction, detection of improvised explosive devices, process optimization in health care and even control of unmanned vehicles.

Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, human-robot teaming, health psychology, learning optimization, social cognition, threat detection and sports psychology.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Human Systems Engineering, BS
Human Systems Engineering (User Experience), BS
Industrial and Organizational Psychology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HSE 593).

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Electives and Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
HSE 593 Applied Project (6) OR
HSE 599 Thesis (6) OR
portfolio (0)

Additional Curriculum Information
Students have the option of doing a thesis (with industry guidance), an applied project to develop and demonstrate professional knowledge and skills, or a portfolio as the culminating experience.

Students selecting the thesis option work on the thesis, under faculty supervision, for at least one calendar year. The first three thesis credits are devoted to developing an idea and preparing a proposal for approval by a faculty committee. The next three credits allow for preparing the details of research design and data collection for the thesis (materials, computer programs, experimental test beds, questionnaires, etc.). The final six credits are devoted to collecting and analyzing data and writing and revising the thesis under the direction of the student's committee chair. Students defend the thesis in an oral examination.

In cases in which a student is engaged in a project initiated by industry, they may opt for the applied project option. Students carry out the applied project, under faculty supervision and guided by industry, in a calendar year in which the 12 credit hours outside of the core are allocated to a combination of research, applied project and report writing appropriate to the goals of the student and the industry partner. In all cases, the project culminates in a substantial written report followed by a comprehensive oral examination covering the project and other materials from required courses.

The portfolio should demonstrate a high level of mastery of the principles and practice of human systems engineering through a compilation of work that the student has completed through the course of their graduate study. While the specific details depend on the student's specialization, all portfolios must describe three notable projects or academic accomplishments that the student has completed through the course of graduate study that illustrate the evolution and advancement of the student's technical expertise and mastery of the field of human systems engineering. Submitted with the portfolio is a written document comprised of an overview of graduate experience and descriptions of the projects presented in the portfolio.

Applied project students take 12 elective credit hours, thesis students take nine elective credit hours plus three credit hours of HSE 592 Research, and portfolio students take 18 elective credits.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field (including engineering, computer science or business) from a regionally accredited institution.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose describing professional and academic aspirations
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants can find complete information on the English proficiency exams and other required documents on the Polytechnic School website: https://poly.engineering.asu.edu/hse/ms/ (https://poly.engineering.asu.edu/hse/ms/).

The letters of recommendation should be from college professors, employers (in a human factors-related field) or a combination of both academic and professional references.

Applicants to this program generally have completed an undergraduate course in statistics.

Only complete applications are reviewed.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
This master's degree program prepares students for industry and government careers in positions such as:

- game designer
- human factors engineer
- human systems integrator
- information systems designer
- interface designer
- military scientist
- user experience designer
- usability engineer

Graduates may work as a member of a design team for a product or system.

Recent graduates are working at places like Intel, Boeing, GoDaddy, Mayo Clinic, PayPal, Motorola, Google and the Air Force Research Lab. Recipients of this ASU master's degree also have gone on to pursue doctorates at ASU and other prestigious institutions.

Contact Information:
Engineering, Ira A. Fulton Schools of
Human Systems Engineering
https://poly.engineering.asu.edu/advising/
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480-727-4723

Human Systems Engineering, PHD (TSSMACSPHD)
Online Degree Search Title: Human Systems Engineering, PhD
Campus: Polytechnic

Program Description:
Human systems engineering describes a growing transdisciplinary field consisting of the disciplines of psychology, engineering and computer science. This field explores how people interact with technological and social systems in contexts that include transportation, medicine, military, computing and other complex systems. Cognitive science provides the foundation necessary for integrating human capabilities and limitations into complex sociotechnical systems (i.e., the practice of cognitive engineering), and the application of cognitive science relies heavily on human systems engineering methods.

A large domain exists in which the combination of applied cognitive science and human factors with a systems approach is imperative for the design of complex sociotechnical systems. Examples include:

- design and evaluation of learning settings and technology
- development of intelligent agents that work well with humans
- driving simulators for research on driver distraction
- dynamical systems models of team interaction
- gaming simulators for studying business decision-making
- human-in-the-loop simulation studies of cybersecurity analysis
- medical simulation for health care research
- models of cognitive states and processes of sociocultural systems
- nuclear control room simulation for improved human system integration
- pilot training research using aircraft simulators
- simulation of consumer behavior
- tests of future airspace control concepts using air traffic control simulators

This PhD program in human systems engineering is designed to ensure graduates are well-grounded and skilled in the methods of human systems engineering. The curriculum provides transdisciplinary, research-driven training in the computing, engineering, technology, applied cognitive science and human systems integration.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 521 Methods and Tools in Human Systems Engineering (3)
HSE 540 Foundations of Applied Cognitive Science (3)
HSE 542 Foundations of Human Systems Engineering (3)

Foundations (6 credit hours)

Methods and Tools (3 credit hours)

Applications (9 credit hours)

Electives (36 credit hours)

Research (6 credit hours)
HSE 792 Research (6) or additional electives as selected by the PhD committee

Culminating Experience (12 credit hours)
HSE 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives.

Electives are identified by the committee and approved by executive committee's approval.

No more than six credit hours of 400-level course work can be included on a graduate plan of study.

Students may petition the HSE Executive Committee to allow HSE-relevant or dissertation-relevant courses to be included as HSE elective courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in psychology, engineering, cognitive science, computer science or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts from each college or university attended
  • personal statement
  • professional resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should review the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:

Graduates are well-grounded in cognitive science and skilled in its methods and applications. Employers (e.g., Department of Defense, Federal Aviation Administration, Nuclear Regulatory Commission, hospitals, industry) have an ever-increasing demand for personnel who can bridge the gap between rigorous science and solutions to real-world problems. This program prepares students for industry, academic and government careers in positions such as:

- human factors engineer
- human systems integrator
- information systems designer
- interface designer
- military scientist
- user experience designer
- usability engineer

Graduates may work as a member of a design team for a product or system.

Contact Information:

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https://poly.engineering.asu.edu/advising/
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polygrad@asu.edu
480-727-4723

Human Systems Engineering (Aviation Human Factors), MS (ESHSEAHFMS)

Online Degree Search Title: Human Systems Engineering (Aviation Human Factors), MS
Campus: Polytechnic

Program Description:

The MS program in human systems engineering with a concentration in aviation human factors provides students with a deep understanding of the science of human performance and experience in the aerospace and aviation industries.

Students in this program participate in courses focusing on methods and tools in applied cognitive science, foundations of human systems engineering, uses of simulation, aviation physiology and crew resource management, among other topics. They gain understanding of cognitive science and human systems concepts and tools that enables them to effectively analyze, design and develop aerospace and aviation products, workspaces, operations and training programs.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HSE 593).

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (6 credit hours)
AMT 533 Aviation Systems and Psychology (3)
AMT 565 Safety in Complex Systems (3)

Electives and Research (6 or 12 credit hours)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students completing a portfolio for the culminating experience must complete 12 credit hours of electives and research coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, aeronautical management, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- curriculum vitae or professional resume
- professional statement
- research summary
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
Graduates of this program are prepared for management, research and training positions in aerospace and aircraft manufacturing, airlines, flight training and government.

Contact Information:
Engineering, Ira A. Fulton Schools of
Human Systems Engineering
https://poly.engineering.asu.edu
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polygrad@asu.edu
480-727-4723

Human Systems Engineering (Health Systems), MS (ESHSEHSMS)
Online Degree Search Title: Human Systems Engineering (Health Systems), MS
Campus: Polytechnic

Program Description:
The MS program in human systems engineering with a concentration in health systems provides current and future managers with the technical expertise to lead efficient health care systems by identifying needs through system modeling, field research and analytics to improve existing health care systems. This concentration program also allows students to perform research and develop innovative approaches to transform health care from reactive to proactive systems, which reflect National Institute of Health initiatives.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HSE 593).

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)

HSE 542 Foundations of Human Systems Engineering (3)

Concentration (6 credit hours)
BMI 605 Health Information Systems and Applications (3)
BMI 613 Workflow Analysis and Redesign in Health Systems Engineering (3)
BMI 616 Clinical Decision Support and Evidence-based Medicine (3)
HCD 502 Health Care Systems and Design (3)
HCD 570 Process Engineering (3)
HCD 575 Leadership and Professionalism (3)

Electives and Research (0 - 9 credit hours)

Other Requirements (3 credit hours)
HSE 525 Health and Human Systems Engineering (3)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis, and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students completing a portfolio for the culminating experience must complete 9 credit hours of electives and research coursework.

Other requirement course HSE 525 is required for all students, but in some situations may be substituted with academic unit approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, health, nutrition, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • curriculum vitae or professional resume
  • professional statement
  • research summary
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
Health care is a growing sector of the economy, accounting for almost 18% of the U.S. Gross Domestic Product in 2020 (https://www.cdc.gov (https://www.cdc.gov/)). Recent changes to the health care landscape at the federal level have led to increasing demand for measurable increases in efficiency and effectiveness of care delivery. To that end, technologies are deployed to manage, track and measure treatment effectiveness, patient satisfaction, provider reimbursement and process improvement, all of which require understanding of the human system and the complex

processes involved in this work. Thus, human systems engineering tools and techniques can create efficiencies in all aspects of care delivery in which a human is involved to improve system performance. Related to human systems engineers in health care, employment of industrial engineers is projected to grow 10% between 2016 and 2026, which is also faster than average for all occupations (Bureau of Labor Statistics).

Contact Information:
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Human Systems Engineering (Intelligent Systems), MS (ESHSEISMS)

Online Degree Search Title: Human Systems Engineering (Intelligent Systems), MS
Campus: Polytechnic

Program Description:
Intelligent technologies have seen rapid growth in the last decade. These technologies are now seen within public sector industries such as military and space exploration, private sector such as medicine manufacturing, and education sector with the rise interactive e-learning environments and the use of learning technology within classrooms. The real change will be the way the humans are able to interact with these new technologies: humans teaming up with robots and AI assistants.

The MS program in human systems engineering with a concentration in intelligent systems provides students with a deep understanding of the science of human performance and experience in the engineering of intelligent systems, robotics and autonomous systems industries.

Students in this program participate in courses focusing on methods and tools in applied cognitive science and foundations of human systems engineering, including uses of simulation and robotics, among other topics.

This concentration prepares students for facilitating the future of work when humans will work closely with heterogeneous technology in the military, space exploration, education, manufacturing, medicine and agriculture.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HSE 593).

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (9 credit hours)

Electives and Research (3 or 9 credit hours)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students completing a portfolio for the culminating experience must complete nine credit hours of electives and research coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, robotics engineering, mathematics or a related field from a regionally accredited institution. Students must have sufficient mathematics background for this concentration,

including up to calculus III and linear algebra.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- curriculum vitae or professional resume
- professional statement
- research summary
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
Graduates skilled in human interactions with robots, artificial intelligence agents and autonomous systems are needed to design the future of work. They can compose teams of human and nonhuman agents so that they are safe, effective, and have a positive impact on society and human well-being. The individuals who design those interactions and who decide what tasks to allocate to AI need to understand human capabilities and limitations and be able to work on multidisciplinary teams to ensure human considerations are accounted for.

Contact Information:
Engineering, Ira A. Fulton Schools of
Human Systems Engineering
https://poly.engineering.asu.edu
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polygrad@asu.edu
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Human Systems Engineering (User Experience Research), MS (ESHSEUERMS)

Online Degree Search Title: Human System Engineering (User Experience Research), MS
Campus: Polytechnic

Program Description:
The MS program in human systems engineering with a concentration in user experience research focuses on designing products that are useful, usable, desirable, easy to learn, efficient to use and easy to remember. It focuses on the research, design and validation of all system components an end user interacts with, including software user interfaces, documentation, help systems, user support, aesthetics and communication. It is an important specialization within human systems engineering with a bright job outlook.

Students may complement their education with courses in graphic information technology, technical communications and entrepreneurship to strengthen their skills in information architecture, visual design and user interface prototyping. Additionally, hands-on user experience projects in these classes help students build portfolios necessary for entry-level positions.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HSE 593).

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (9 credit hours)
HSE 521 Methods and Tools in Human Systems Engineering (3)
HSE 525 Health and Human Systems Engineering (3)
TWC 511 Principles of Visual Communication (3)
TWC 514 Visualizing Data and Information (3)
TWC 544 User Experience (3)

Electives or Research

Culminating Experience
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students completing a portfolio for the culminating experience must complete nine credit hours of electives and research coursework.

Admission Requirements:
An applicant must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, user experience, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • curriculum vitae or professional resume
  • professional statement
  • research summary
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should review the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
This master's degree program prepares students for industry and government careers in positions such as:

  • game designer
  • human factors engineer
  • human systems integrator
  • information systems designer
  • interface designer
  • military scientist
  • usability engineer
  • user experience designer

Graduates of the Master of Science program in human systems engineering find employment in user experience design and user experience research at companies like Apple, Hulu, Slack, HP, GoDaddy and Intel.

Industrial Engineering, MS (ESINDENMS)

Online Degree Search Title: Industrial Engineering, MS
Campus: Tempe, Online

Program Description:
The industrial engineering MS program prepares students to give practical and economically efficient solutions to real-life, complex problems --- solutions that require a system level approach. Examples of these problems include health delivery, food and energy systems as well as those that arise in the strategic planning of manufacturing, logistics operations and service industries. Some of the tools used to address these problems include statistics, optimization, computer simulation and advanced analytics.

The industrial engineering program is immersed in the innovation environment that permeates Arizona State University, and its faculty members are internationally recognized for their innovative research projects, funded both by government and industry.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: W. P. Carey MBA - Online Program

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

   Engineering Management, BSE
   Industrial Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including a portfolio.

Required Core (12 credit hours)
IEE 505 Information Systems Engineering (3) or IEE 506 Web-Enabled Decision Support Systems (3)
IEE 545 Advanced Simulating Stochastic Systems (3) or IEE 561 Production Systems (3)
IEE 572 Design Engineering Experiments (3) or IEE 573 Reliability Engineering (3) or IEE 578 Regression Analysis (3)
IEE 574 Applied Deterministic Operations Research (3) or IEE 575 Applied Stochastic Operations Research Models (3)

Elective (0-6 credit hours)

Related Area (9-12 credit hours)

Culminating Experience (0-6 credit hours)
IEE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
The Master of Science in industrial engineering is a 30 credit hour program which has a thesis and a nonthesis track. The thesis track requires 24 credit hours of coursework, six credit hours of thesis, a written thesis and a final oral examination. The nonthesis track requires 30 credit hours of coursework and a portfolio.

At the time of admission, students' applications are considered primarily for the nonthesis track. After matriculating at Arizona State University, a student may consult with and receive approval from the industrial engineering faculty to pursue the thesis track.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts from all institutions attended
- a statement of purpose
- three letters of recommendation
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

At the time of application, all applicants must have successfully completed a minimum of nine credit hours of calculus (Calculus I, II, III) with a grade of "C" (scale is 4.00 = "A") or higher.

A student with any deficiency coursework must complete each deficiency with a grade of "B" or better (scale is 4.00 = "A") within two semesters of admission to the program. Deficiency courses include:

CSE 110 Principles of Programming
CSE 205 Object-oriented Programming and Data Structures
IEE 376 Operations Research Deterministic Techniques/Applications
IEE 380 Probability and Statistics for Engineering Problem Solving
IEE 470 Stochastic Operations Research
MAT 242 Elementary Linear Algebra

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-industrial-engineering/)

Career Opportunities:

Industrial engineers integrate people, processes, equipment, information and systems to do things better. The industrial engineering graduates will be developing, implementing and improving processes, operations and systems in industries for manufacturing, services, communications, agriculture or any other field.

Students completing the Master of Science program in industrial engineering are suited for careers in logistics, finance, defense, travel and health care.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
https://scai.engineering.asu.edu/graduate-industrial-engineering/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Industrial Engineering, PHD (ESINDENPHD)

Online Degree Search Title: Industrial Engineering, PhD
Campus: Tempe

Program Description:

The PhD program in industrial engineering engages students in fundamental and applied research. The overall educational objective of graduate study in industrial engineering is to improve each student's ability to identify, define and solve problems and perform original research to address

the underlying causes of these problems. Industrial engineers develop qualitative and quantitative abilities to guide the design and operation of sustainable organizations and systems.

This doctoral program provides a rigorous education and provides students with research and educational experiences. A large number of these students are involved in applied research projects that are carried out in the context of government or privately-funded research. The program provides students access to many opportunities to participate in highly impactful research projects and interact with the leaders of the subfield that they choose to study and specialize in. Hence, many of them graduate with significant accomplishments resulting from the work they performed during the course of their doctoral study.

Degree Requirements:
85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (15 credit hours)
IEE 605 Foundations of Information Systems Engineering (3)
IEE 620 Optimization I (3)
IEE 622 Optimization II (3)
IEE 640 Probability and Stochastic Processes (3)
IEE 670 Mathematical Statistics (3)

Electives (42 credit hours)

Research and Internship Required Coursework (16 credit hours)
IEE 594 Conference and Workshop (1)
IEE 700 Research Methods (1)
IEE 784 Teaching Internship (1)
IEE 790 Reading and Conference (1) OR IEE 584 Internship (1)
IEE 792 Research (12)

Culminating Experience (12 credit hours)
IEE 799 Dissertation (12)

Additional Curriculum Information
Students are required to complete five core courses within the first year of full-time enrollment in the doctoral program. To be allowed to continue in the program after completion of the core courses, each student must take and successfully pass a qualifying exam on three of the five core courses.

Eligible students can request a master's in passing after successfully completing the qualifying exam and completing 30 credit hours in the doctoral program.

A written and an oral comprehensive examination are required no later than the semester following completion of 57 credit hours of coursework in the plan of study. The student must also successfully defend the dissertation prospectus and the dissertation research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:
https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

At the time of application, all applicants must have successfully completed a minimum of nine credit hours of calculus (Calculus I, II, III) with a grade of "C" or higher (scale is 4.00 = "A").

A student with any deficiency coursework must complete each deficiency with a grade of "B" (3.00) or better within two semesters of admission to the program.

Deficiency courses include:
CSE 110 Principles of Programming
CSE 205 Object-Oriented Programming and Data Structures
IEE 376 Operations Research Deterministic Techniques/Applications
IEE 380 Probability and Statistics for Engineering Problem Solving
IEE 470 Stochastic Operations Research
MAT 242 Elementary Linear Algebra

Students should see the program website for application deadlines.

Career Opportunities:
Graduates of the program are prepared for careers in academia, government and industry doing teaching, advanced research, and developing and making use of advanced techniques for the operation of their businesses.

Contact Information:
Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
https://scai.engineering.asu.edu/graduate-industrial-engineering/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Information Technology, MS (TSIFTMS)
Online Degree Search Title: Information Technology, MS
Campus: Polytechnic, Online

Program Description:
The MS program in information technology teaches advanced technology skills to prepare students for careers in industry, education or government.

Students gain the ability to conceptualize, organize and realize information technology projects that meet the needs of users within an organizational or societal context. Students select coursework that encompasses core technologies in one of two focus areas: information technology security and information systems management. A student's focus area at the time of admission defines the coursework for degree completion.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Information Technology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours including the required applied project course (IFT 593).

Required Core (9 credit hours)
IFT 510 Principles of Computer and Information Technology Architecture (3)
IFT 520 Advanced Information Systems Security (3) or IFT 530 Advanced Database Management Systems (3)
IFT 540 Information Systems Development (3)

Open Elective (6-9 credit hours)

Focus Area Electives (12 credit hours)

Culminating Experience (0 or 3 credit hours)
IFT 593 Applied Project (3) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education are considered.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/information-technology-ms/)

Career Opportunities:
Graduates of the information technology program are well qualified for careers in the management of IT departments as this degree couples technical skills with the business skills needed to manage technical functions. Some graduates may pursue careers as technical support staff based on the focus area and secondary skills they achieve. Graduates also have the ability to manage technical professionals within their focus areas.

Contact Information:
Engineering, Ira A. Fulton Schools of
Information Technology
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Innovation and Venture Development, MS (HIIVDMS)
Online Degree Search Title: Innovation and Venture Development, MS
Campus: Tempe

Program Description:
The MS program in innovation and venture development integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed for launching successful ventures in any industry or sector, inside existing organizations or as new entities.

Graduates are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs and evaluate opportunities, generating insights from real-world problems; innovate solutions; and create and launch scalable business models that provide value to all stakeholders. Founders with this innovation and venture development degree from ASU can define a new standard for venture development.

Degree Requirements:
30 credit hours including the required capstone course (IVD 661).

Required Core (18 credit hours)
IVD 525 Fundamentals of Entrepreneurial Leadership (3)
IVD 560 Innovation Studio I: Discovery and Insight (3)
IVD 561 Innovation Studio II: Problem Reframing (3)
IVD 562 Innovation Studio III: Explore, Fail, Solve (3)
IVD 630 Scaling Entrepreneurial Leadership (3)
IVD 660 Innovation Studio IV: Business Model (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)
IVD 661 Innovation Studio V: Scale (6)

Additional Curriculum Information
Students should see the academic unit for a list of approved elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • professional resume
  • written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Career Opportunities:
Career opportunities include:

  • chief innovation officer
  • creative developer
  • director of engineering
  • founder or CEO
  • innovation manager
  • management consultant
  • marketing director
  • product developer

Contact Information:
Engineering, Ira A. Fulton Schools of

Dean, Herberger Institute for Design and the Arts
https://design.asu.edu/
CDN 162
msivd@asu.edu
480-965-3536

Lean Six Sigma Black Belt (Certificate), Certificate (ESLSSBGRCT)

Online Degree Search Title: Lean Six Sigma Black Belt (Graduate Certificate)
Campus: Tempe, Online

Program Description:
The Lean Six Sigma Black Belt graduate certificate is designed for engineers and managers who oversee tactical and strategic projects as well as various operational functions in their organizations.

The certificate program provides students with a set of contemporary tools they would use to produce measurable improvements in business processes. Students gain an in-depth understanding of the Six Sigma define, measure, analyze, improve, control process and the tools used to achieve effective process and product improvement. They develop the leadership and team-building skills necessary for overseeing continuous improvement projects with many stakeholders, and they understand how lean principles and design for Six Sigma fit into the overall task of product and process improvement.

The culminating experience is in line with the black belt certification requirements used nationwide in similar certification programs.

Degree Requirements:
15 credit hours including the required capstone courses (IEE 585).

Required Core (6 credit hours)
IEE 570 Advanced Quality Control (3)
IEE 581 Six Sigma Methodology (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
IEE 585 Six Sigma Capstone (3)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

A minimum grade of "B" is required for capstone course IEE 585.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.
https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Required Prerequisite Courses:
CSE 110 Principles of Programming, or equivalent
IEE 380 Probability and Statistics for Engineering Problem Solving, or equivalent
MAT 267 Calculus for Engineers III, or equivalent

No more than 40% of coursework toward the requirements of a graduate certificate may be completed prior to admission to the certificate program.

This certificate is also available through the Pathways for the Future program. https://pff.asu.edu (https://pff.asu.edu/)

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/lean-six-sigma-black-belt-graduate-certificate/)

Career Opportunities:
Six Sigma is a proven systematic approach to continuous improvement of critical processes in a wide range of industrial environments such as banks, manufacturing facilities and hospitals. The American Society of Quality defines the certified Six Sigma black belt as a professional who can explain Six Sigma philosophies and principles, including supporting systems and tools.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
https://scai.engineering.asu.edu/graduate-certificate-lean-six-sigma-black-belt/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Manufacturing Engineering, MS (TSMEGRMS)

Online Degree Search Title: Manufacturing Engineering, MS
Campus: Polytechnic

Program Description:
Manufacturing engineering draws upon two distinct bodies of knowledge: manufacturing processes (i.e., how materials are altered in either shape or properties) and the processes of manufacturing (i.e., manufacturing systems and management). This combination of topics is embedded in the MS program in manufacturing engineering, and students can follow their interests by developing deeper expertise in either manufacturing processes or the processes of manufacturing.

The program provides advanced technical content to help students prepare for career transitions and improve company competitiveness. It consists of a core set of courses designed to provide all students with advanced knowledge of manufacturing fundamentals and an introduction to systems engineering. The expertise developed in the core curriculum supports student focus areas building on existing unit faculty strengths, including automation, additive and subtractive manufacturing processes including computer numerical control machining, modeling and simulation, electronics manufacturing and manufacturing management.

Thesis, applied project and portfolio options are offered for the culminating experience.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Engineering (Automotive Systems), BSE
> Engineering (Electrical Systems), BSE
> Engineering (Mechanical Engineering Systems), BSE
> Engineering (Robotics), BSE
> Manufacturing Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (EGR 593).

Required Core (6 credit hours)
EGR 520 Engineering Analysis I (3)
EGR 522 Statistics for Quality Control in Manufacturing (3)

Electives (15-21 credit hours)

Other Requirement (3 credit hours)
EGR 598 Topic: Manufacturing Systems Management (3)

Culminating Experience (0-6 credit hours)
EGR 593 Applied Project (3) or
EGR 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

EGR 598 Topic: Manufacturing Systems Management may be substituted with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in engineering, physical sciences, mathematics or similar from a regionally accredited U.S. institution, or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that institution's country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should review the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
Graduates of the Master of Science program in manufacturing engineering find opportunities in both large and small corporations and government agencies as well as within startup enterprises where they play a critical role.

Typical job responsibilities include manufacturing process design, manufacturing process management and quality control and assurance, and graduates with advanced degrees have opportunities to participate in and lead research teams that are developing the next generation of advanced manufacturing technologies.

ASU manufacturing engineering graduates are well placed and command top salaries in their engineering careers, some of which include:

- additive manufacturing
- automation and robotics
- engineering economics
- logistics and supply chain management
- manufacturing operations
- project management
- quality management and reliability

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Manufacturing Systems and Networks
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Materials Science and Engineering, MS (ESMATEMS)

Online Degree Search Title: Materials Science and Engineering, MS
Campus: Tempe, Online

Program Description:
The MS program in materials science and engineering prepares engineers for doctoral study or industrial positions that specialize in research, project management and product innovation in materials science and engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in thermodynamics, structures and mechanical properties; kinetics; optical and magnetic properties; materials characterization; and energy production and storage.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Chemical Engineering, BSE
Chemistry, BS
Materials Science and Engineering, BSE
Mechanical Engineering, BSE
Mechanical Engineering (Computational Mechanics), BSE
Mechanical Engineering (Energy and Environment), BSE
Physics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including a portfolio, or 30 credit hours including the required applied project course (MSE 593).

Required Core (6 credit hours)
MSE 503 Concepts in Materials Science (3)
MSE 523 Structural and Mechanical Properties of Materials (3)
MSE 524 Advanced Thermodynamics (3)
MSE 525 Fundamentals of Electrical, Optical, and Magnetic Materials and Device Applications (3)
MSE 550 Advanced Materials Characterization (3)
MSE 560 Nanomaterials in Energy Production and Storage (3)
MSE 561 Phase Transformations, Kinetics, and Diffusion in Solids (3)

Technical Electives (18 or 24 credit hours)

Culminating Experience (0-6 credit hours)
MSE 593 Applied Project (3) or
MSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
The materials science and engineering MS program has two options: thesis and nonthesis.

All students are admitted to the nonthesis option. The nonthesis option requires a portfolio. During the last semester of their program, students in the portfolio option submit a portfolio containing at least two projects from previous materials science and engineering coursework along with a paper explaining the projects. Students must successfully complete the portfolio requirements to pass the culminating experience. Students completing a portfolio must also take an extra six credit hours of elective coursework to reach the required 30 credit hours for the program.

Students in the applied project option write a written report in consultation with their faculty chair and present at the end of semester poster symposium.

If students wish to change to the thesis option, a faculty advisor has to be secured, and then a petition can be submitted to change to the thesis option. Students in the thesis option must complete a thesis and pass the thesis defense examination.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Admission to the materials science and engineering graduate program is highly competitive. All applicants must submit:
 • graduate admission application and application fee
 • official transcripts from all prior institutions attended
 • personal statement
 • resume or curriculum vitae
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants whose native language is not English are required to achieve a minimum score of 90 on the Internet-based TOEFL.

Admission to the 4+1 degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review and admission is not guaranteed.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-materials-science-and-engineering/)

Career Opportunities:
Professionals with a materials science and engineering master's degree have strong opportunities at all levels in material design, selection, synthesis and characterization for a wide range of applications including electro-optical-magnetic systems, environmental systems, energy conversion and storage, manufacturing and construction. Materials jobs are available at a large number of high tech and manufacturing companies all sizes as well as national (DOE, DOD, NASA) laboratories and universities. Analytical skills learned in materials engineering are also valued for other non-engineering positions.

Career examples include:

 • engineer
 • engineering manager or director
 • engineering professor
 • research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program

Materials Science and Engineering, PHD (ESENMATPHD)

Online Degree Search Title: Materials Science and Engineering, PhD
Campus: Tempe

Program Description:
The PhD program in materials science and engineering prepares students for professional careers in materials science and engineering and related fields in industry, government and educational institutions.

This field draws upon a fundamental base of knowledge, with underpinnings in physics, chemistry and engineering. The program extends that knowledge to address a broad range of materials-driven challenges, such as energy efficiency, sustainability, functional nanostructures, electronic materials, biomaterials and polymers.

Interdisciplinary in nature, the curriculum offers required courses in four core subjects:

- advanced thermodynamics
- kinetics and phase transformations
- physics of materials
- structure and properties of materials

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
MSE 523 Structural and Mechanical Properties of Materials (3)
MSE 524 Advanced Thermodynamics (3)
MSE 525 Fundamentals of Electrical, Optical, and Magnetic Materials and Device Applications (3)
MSE 561 Phase Transformations, Kinetics, and Diffusion in Solids (3)

Electives (3-18 credit hours)

Research (24-39 credit hours)
MSE 792 Research

Other Requirement (3 credit hours)
MSE 591 Seminar (3)

Culminating Experience (12 credit hours)
MSE 799 Dissertation (12)

Additional Curriculum Information
Students entering with a bachelor's degree are required to complete a minimum of 18 credit hours of elective coursework. Graduate elective courses may be selected from any of the graduate courses in the materials science and engineering curriculum as well as elective courses from related disciplines (e.g., chemistry, physics, electrical engineering), subject to approval by the faculty advisor. These courses should comprise a focused plan of study with emphasis in a particular area of materials science, organized in consultation with faculty supervisory committee.

Students entering the doctoral program with a master's degree need to complete 24 credit hours of research (MSE 792). Students entering with a bachelor's degree are required to complete 39 credit hours of research (MSE 792).

MSE 591 is a one credit hour course to be taken in three semesters. The seminar course consists of a series of seminars presented by invited speakers and graduate students. Doctoral students are required to give a seminar presentation once during the academic year after they have begun their research.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives and research coursework as specified by the academic unit. If the master's degree has not been completed, a maximum of 12 credit hours of graduate work may be applied with program approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Admission to the materials science and engineering doctoral program is highly competitive. All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Once the application file is complete, the file is forwarded to the faculty admissions committee for evaluation and recommendation.

The admission process considers all aspects of the student's application. The typical successful applicant has, at minimum, a cumulative GPA of 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and has high GRE scores as well as high TOEFL scores for those whose native language isn't English.

Financial aid is available to highly qualified students. The most common type of financial aid is teaching and research assistantships, which are accompanied by tuition waivers and major medical insurance benefits. Other types of financial aid include Ira A. Fulton Schools of Engineering fellowships and Science Foundation Arizona fellowships.

Career Opportunities:

Professionals with a materials science and engineering doctoral degree have strong opportunities at all levels in material design, selection, synthesis and characterization for a wide range of applications including electro-optical-magnetic systems, environmental systems, energy conversion and storage, manufacturing and construction. Materials jobs are available at a large number of high tech and manufacturing companies of all sizes as well as national (DOE, DOD, NASA) laboratories and universities. Analytical skills learned in materials engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- research engineer

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
https://semte.engineering.asu.edu/materials-science-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Mechanical Engineering, MS (ESMEMS)

Online Degree Search Title: Mechanical Engineering, MS
Campus: Tempe

Program Description:

The MS program in mechanical engineering prepares engineers for doctoral study or industrial positions that specialize in research, project management and product innovation in mechanical engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is

offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Aerospace Engineering (Aeronautics), BSE
> Aerospace Engineering (Astronautics), BSE
> Aerospace Engineering (Autonomous Vehicle Systems), BSE
> Mechanical Engineering, BSE
> Mechanical Engineering (Computational Mechanics), BSE
> Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including an applied project (MAE 593).

Major Area of Emphasis (12 or 15 credit hours)

Technical Electives (6 or 9 credit hours)

Mathematics (6 credit hours)

Culminating Experience (0 to 6 credit hours)
MAE 593 Applied Project (3) or
MAE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of approved courses at the 500 level and above, with a minimum cumulative GPA of 3.00 or above.

Coursework for the major area of emphasis is restricted to MAE coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency; a minimum score of 80 on the internet-based TOEFL is required.

Admission to the mechanical engineering graduate program is highly competitive and preferred applicants have an undergraduate degree in aerospace engineering or mechanical engineering.

Admission to the 4+1 degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review and admission is not guaranteed.

Applicants should see the program website for application deadlines.

Career Opportunities:
Professionals with a mechanical engineering master's degree have strong opportunities at most levels in mechanical engineering in research, design, and manufacturing at companies of all sizes as well as national laboratories (DOE, DOD, NASA). Analytical skills learned in mechanical engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/mechanical-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Mechanical Engineering, PHD (ESMEPHD)

Online Degree Search Title: Mechanical Engineering, PhD
Campus: Tempe

Program Description:
This PhD program in mechanical engineering emphasizes original research and provides students with a strong background for employment by academic institutions, government laboratories and industrial research laboratories with a focus on mechanical engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy. Modern computational and laboratory facilities are available to support timely research investigations.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

84 credit hours
qualifying exams
written and oral comprehensive exams
prospectus
dissertation

All students pursuing the doctorate are required to pass both a qualifying and a comprehensive examination administered by the program committee.

credit hours of coursework directly related to the research area (18)
credit hours of mathematics (9)
credit hours of graduate elective courses outside the major research area (9)
MAE 792 Research
MAE 799 Dissertation credit hours (12)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from an accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency and is required to achieve a minimum score of 80 on the internet-based TOEFL.

Admission to the mechanical engineering doctoral program is highly competitive and preferred applicants have an undergraduate or Master of Science degree in aerospace engineering or mechanical engineering. The admission process considers all aspects of the student's application and admission is not guaranteed. The typical successful applicant has at least a cumulative GPA score of 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and has high GRE and a successful applicant whose native language isn't English would also have a high TOEFL score.

Applicants should see the program website for application deadlines.

Career Opportunities:
Professionals with a mechanical engineering doctoral degree have strong opportunities at all levels in mechanical engineering in research, design, and manufacturing at companies of all sizes as well as national laboratories (DOE, DOD, NASA). Analytical skills learned in mechanical engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- research engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
https://semte.engineering.asu.edu/mechanical-graduate/
ECG 202
semtegrad@asu.edu
480-965-2335

Modern Energy Production and Sustainable Use, MS (ESMEPSUMS)
Online Degree Search Title: Modern Energy Production and Sustainable Use, MS
Campus: Tempe

Program Description:
This MS program in modern energy production and sustainable use prepares students for professional careers in transdisciplinary areas of renewable energy generation and storage, energy-saving materials, manufacturing, sustainable transportation, and related fields in industry, government, and educational institutions.

Students are provided with the skills and knowledge needed to address the challenges associated with the different modalities in energy production and storage, and they are encouraged to work with instructors in the program who are conducting research.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Mechanical Engineering, BSE
Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (12 credit hours)
Choose four courses:
ALT 535 Applied Photovoltaics (3)
CHE 573 Fuel Cells and Biofuel Cells (3)
CHE 578 Biomass Energy Conversion Technology (3)
MAE 576 Energy Efficiency (3)
MAE 579 Wind Energy (3)
MAE 582 Renewable Energy: Mechanical Systems (3)
MSE 560 Nanomaterials in Energy Production and Storage (3)
SEC 501 Solar Engineering and Commercialization I (3)

Mathematics Elective (3 credit hours)

Sustainability Electives (6 credit hours)

Technical Electives (9 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
The modern energy production and sustainable use program only offers a nonthesis, portfolio option.

Students should see the academic unit for a list of approved elective coursework. Other coursework may be used with approval of the academic unit.

During the last semester of their program, students submit a portfolio containing at least two projects from previous engineering coursework along with a paper explaining the projects. Students must successfully complete the portfolio requirements to pass the culminating experience.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any engineering, physical science or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• professional resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score required on the TOEFL iBT is 90.

Career Opportunities:

Professionals with a modern energy production and sustainable master's degree have strong opportunities at all levels in various energy related technologies with private and government entities. The skills learned in this degree prepare graduates for a career as a practicing engineer.

Career examples include:

- development engineer
- process engineer
- product engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
School for Engineering of Matter,Transport & Enrgy
https://semte.engineering.asu.edu/modern-energy-production-and-sustainable-use-ms/
ECG 202
semtegrad@asu.edu
480-965-2335

Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)

Online Degree Search Title: Molecular, Cellular, Tissue and Biomaterials Engineering (Graduate Certificate)
Campus: Tempe, Online

This program is not accepting applications at this time.

Program Description:
Engineers are constantly improving in their capability to manipulate the components of biological systems. Approaches for localized delivery of drugs, genetic manipulations of cells, and building of tissue scaffolds are changing rapidly.

The certificate program in molecular, cellular, tissue and biomaterials engineering exposes students to many of the principles and techniques which are central to molecular, cellular, tissue and biomaterials engineering. Students who complete the program have a set of skills that enables them to participate in engineering biological systems at levels from the molecular to tissues.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
BME 567 Tissue Engineering and Regenerative Medicine (3)

Electives (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for an approved list of elective courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students should see below for more information.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students must have a BS or BSE in biomedical engineering; or a BS or BSE in engineering plus advanced (postbaccalaureate) training in medicine, physiology or related fields; or a BS in a science discipline plus additional background work in biology, thermodynamics, fluids, transport and additional work in medicine, physiology or related fields. Specifically, applicants need to demonstrate equivalent proficiency in at least four of the following five areas:

- biomaterials
- electrical networks or circuits
- engineering mechanics
- fluid mechanics or engineering transport
- thermodynamics or physical chemistry

Admission examinations are not required.

Career Opportunities:
Professionals who specialize in molecular, cellular, tissue and biomaterials engineering are in high demand across sectors and industries, including business, academia, hospitals, government agencies and research facilities. The skill set gained by completing the certificate program in molecular, cellular, tissue and biomaterials engineering is sought by local, national and international employers.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Biological & Health Systems Engineering
https://sbhse.engineering.asu.edu
ECG 334
sbhse.advising@asu.edu
480-965-3028

Neural Engineering (Certificate), Certificate (ESNENGRCT)

Online Degree Search Title: Neural Engineering (Graduate Certificate)
Campus: Online

ASU is not currently accepting applications for this program.

Program Description:
Technologies for ameliorating neural disorders, such as epilepsy, stroke and paralysis, are developing rapidly. Understanding and deploying these technologies requires specialized skills in neurophysiology, bioelectricity and neural-electronic interfaces.

The certificate program in neural engineering prepares clinical, industrial and academic practitioners with those skills through courses in areas of knowledge in neurophysiology, neuroanatomy and neuropathology. Students then go on to learn of the state-of-the-art neurotechnologies applied to current neural disorders as well as the biophysics which these devices exploit.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
BME 526 Introduction to Neural Engineering (3)
BME 561 Clinical Neuroscience (3)

Electives (9 credit hours)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students should see below for more information.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The English proficiency requirement is equivalent to the ASU Graduate College policy: TOEFL of at least 550 PBT or 80 iBT, or IELTS overall band score of 6.5.

Applicants must have earned a BS or BSE or master's degree in biomedical engineering; or have earned a BS or BSE in engineering and have advanced (postbaccalaureate) training in medicine, physiology or related fields; or a BS in a science discipline plus have additional background work in thermodynamics, fluids, transport and additional work in medicine, physiology or related fields. Specifically, applicants need to demonstrate equivalent proficiency in at least four of the following six areas:

- biomaterials
- electrical networks or circuits
- engineering mechanics
- fluid mechanics or engineering transport
- signals and systems or control systems
- thermodynamics or physical chemistry

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Biological & Health Systems Engineering
https://sbhse.engineering.asu.edu
ECG 334
sbhse.advising@asu.edu
480-965-3028

Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)

Online Degree Search Title: Nuclear Power Generation (Graduate Certificate)
Campus: Tempe, Online

Program Description:
The nuclear power generation graduate certificate program is a transdisciplinary professional option within the Ira A. Fulton Schools of Engineering.

Students typically begin with the study of nuclear science and engineering fundamentals. Subsequent core courses focus on nuclear power plant dynamics and diagnostics, nuclear power plant operations and safety, and nuclear reactor theory and design.

Elective courses allow students to tailor the remaining studies toward facilitating their career goals and focusing on studies tied to their academic interests. Example elective courses include nuclear power engineering, health physics and electrical power plants.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
EEE 562 Nuclear Reactor Theory and Design (3)
EEE 563 Nuclear Reactor System Dynamics and Diagnostics (3)
EEE 564 Interdisciplinary Nuclear Power Operations (3)

Electives (6 credit hours)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in an engineering or science discipline, such as physics, chemistry and mathematics from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Transcripts should be submitted for all undergraduate and graduate coursework taken.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-nuclear-power-generation/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration certificate program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:
The program prepares students and professionals from a variety of engineering and scientific disciplines to work effectively in the nuclear energy industry. Careers include positions in nuclear power plants, government regulatory agencies and national laboratories.

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209
askee@asu.edu
480-965-3424

Robotics and Autonomous Systems (Artificial Intelligence), MS (ESRASAIMS)

Online Degree Search Title: Robotics and Autonomous Systems (Artificial Intelligence), MS
Campus: Tempe

Program Description:
The artificial intelligence concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields. This concentration is appropriate for students who wish to emphasize applications in artificial intelligence and computer science.

Students receive a solid theoretical and practical background in a variety of topics that facilitate the study of intelligent agents, that is any robotic system that perceives its environment and takes actions that maximize its chance of successfully achieving its goals. Thus, students in this concentration are exposed to the frontiers of the general topics in AI, including statistical machine learning, computer vision, natural language processing, knowledge retrieval and reasoning, and formal methods of planning. When compared to the other concentrations, the AI concentration focuses more on the algorithmic aspects of robotics.

This concentration program is offered by the School of Computing and Augmented Intelligence.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Science, BS
Computer Systems Engineering, BSE
Informatics, BS
Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3)
MAE 547 Modeling and Control of Robots (3) or EGR 545 Robotic Systems I (3)

Concentration (12 credit hours)

Electives or Research (6-12 credit hours)

Culminating Experience (0-6 credit hours)
CSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students are required to select one of the approved culminating experiences for the concentration.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the graduate program committee.

A defense is required for the thesis option.

The portfolio is a compilation of three projects that are finished in the required concentration courses. Students must write a portfolio report that includes the highlights of the three projects.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • GRE scores
 • letter of intent or written statement
 • professional resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should review the Admission Services website for more details. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Students applying to the artificial intelligence concentration are expected to possess basic knowledge in key relevant areas, e.g., programming languages; discrete mathematics; data structures and algorithms; or similar topics. Indicative ASU courses include CSE 220 Programming for Computer Engineering or 240 Introduction to Programming Languages; MAT 243 Discrete Mathematical Structures or 300 Mathematical Structures; and CSE 310 Data Structures and Algorithms.

Career Opportunities:
Graduates with a Master of Science in artificial intelligence are prepared for doctoral study or for industrial positions in numerous industries as varied as manufacturing, transportation, aerospace, defense and health care.

Contact Information:
Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
https://ras.engineering.asu.edu/
CTRPT 105
SCAI.Grad.Admission@asu.edu
480-965-3199

Robotics and Autonomous Systems (Biomedical Engineering), MS (ESRASBEMS)

Online Degree Search Title: Robotics and Autonomous Systems (Biomedical Engineering), MS
Campus: Polytechnic, Tempe

Program Description:
This is an advanced degree that emphasizes competency in the rapidly growing fields of robotics and autonomous systems and with applications in biomedical engineering and medicine.

The biomedical engineering concentration is one of five concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields. This concentration is appropriate for students who wish to focus on applications in biomedical engineering.

Biomedical engineers work at the interface of technology and medicine on challenges that are critical to the advancement of health and scientific discovery.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours and an applied project (BME 593).

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3)
MAE 547 Modeling and Control of Robots (3) or EGR 545 Robotic Systems I (3)

Concentration (6 credit hours)
BME 564 Cyber Biomedical Systems (3)
Choose one course from the following:
BME 507 Introduction to Digital Image Processing and Analysis (3)
BME 521 Neuromuscular Control Systems (3)
BME 526 Introduction to Neural Engineering (3)
BME 527 Biomedical Device Design (3)
BME 556 Human Systems Neuroscience (4)
BME 561 Clinical Neuroscience (3)
BME 565 Magnetic Resonance Imaging (3)
BME 566 Medical Imaging Instrumentation (3)
BME 567 Tissue Engineering and Regenerative Medicine (3)
BME 568 Human Factors and System Design in Assistive Technologies (3)

Electives or Research (12 or 15 credit hours)

Culminating Experience (3 or 6 credit hours)
BME 593 Applied Project (3) or
BME 599 Thesis (6)

Additional Curriculum Information
Students are required to select one of the approved culminating experiences for the concentration.

Elective or research coursework must be selected from among the courses listed for the other concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the graduate program committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Graduates are prepared for doctoral study or for industrial positions in numerous and varied industries, such as manufacturing, transportation, aerospace, defense and health care.

Contact Information:
Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
https://ras.engineering.asu.edu/
ECG 334
sbhse.advising@asu.edu
480-965-3028

Robotics and Autonomous Systems (Electrical Engineering), MS (ESRASEEMS)
Online Degree Search Title: Robotics and Autonomous Systems (Electrical Engineering), MS
Campus: Tempe

Program Description:
This advanced degree program emphasizes competency in the rapidly growing fields of robotics and autonomous systems. This concentration is appropriate for students who wish to focus on applications in electrical engineering.

The electrical engineering concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

Students in this concentration receive a solid theoretical and practical background in a variety of topics that include theory, design and implementation of control systems; signal processing; real-time and embedded systems; computer vision; and machine learning. They are exposed to state-of-the-art and emerging theories and implementations related to sensing, data processing, adaptive control, automated mobility, autonomous systems, human-machine interaction and robotic applications in various domains including public safety, manufacturing, health care, automotive and assistive technologies.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, BSE
Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3)
MAE 547 Modeling and Control of Robots (3) or EGR 545 Robotic Systems 1 (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
EEE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should refer to the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the Graduate Program Committee.

Students are required to select one of the approved culminating experiences for the concentration.

A defense is required for the thesis option.

The portfolio includes a poster presentation with content from courses taken in the program. Students must write a portfolio report that includes the highlights of the three projects.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • letter of intent or written statement
  • professional resume
  • GRE scores (required if undergraduate program is not ABET-accredited)*
  • proof of English proficiency

*International and domestic applicants are exempt from taking the GRE if they have earned a degree from an ABET-accredited program (https://www.abet.org/ (https://www.abet.org/)) from a U.S. or overseas institution and if they meet the minimum GPA required for admission. Students who do not meet these requirements are required to provide GRE scores.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Graduates of the electrical engineering concentration of the Master of Science program in robotics and autonomous systems are prepared for doctoral study or for industrial positions in numerous and varied industries; some examples are manufacturing, transportation, aerospace, defense and health care.

Contact Information:
Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ras.engineering.asu.edu/
GWC 209
AskEE@asu.edu
480-965-3424

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS (ESRASMAEMS)

Online Degree Search Title: Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS
Campus: Tempe

Program Description:
The mechanical and aerospace engineering concentration is one of five concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

This concentration is appropriate for students who wish to focus on applications in mechanical or aerospace engineering.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Aerospace Engineering (Aeronautics), BSE
> Aerospace Engineering (Astronautics), BSE
> Aerospace Engineering (Autonomous Vehicle Systems), BSE
> Mechanical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (MAE 593).

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3)
MAE 547 Modeling and Control of Robots (3) or EGR 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
MAE 599 Thesis (6) or
MAE 593 Applied Project (3) or
portfolio (0)

Additional Curriculum Information
Students are required to select from one of the available concentrations and one of the approved culminating experiences for the concentration.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the graduate program committee. Three credit hours of internship may be included among the electives.

A defense is required for the thesis option.

The applied project requires a written report and an oral presentation.

The portfolio includes a poster presentation with content from courses taken in the program. Students must write a portfolio report that includes the highlights of the three projects.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Robotics engineers are in high demand in various engineering specialty areas like manufacturing, mechanical, aerospace, biomedical-rehabilitation, autonomous vehicles, artificial intelligence, etc. Skills in the design and control of robotic systems, artificial intelligence, machine learning and robot perception are valuable to consumer, automotive, aerospace and defense industries.

Career examples include:

- automation engineer
- machine learning and AI engineer
- robotics engineer
- systems engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
School for Engineering of Matter,Transport & Enrgy
https://ras.engineering.asu.edu/
ECG 202
semtegrad@asu.edu
480-965-2335

Robotics and Autonomous Systems (Systems Engineering), MS (ESRASSEMS)

Online Degree Search Title: Robotics and Autonomous Systems (Systems Engineering), MS
Campus: Polytechnic

Program Description:
This is an advanced degree emphasizing system-level competency in the rapidly growing fields of robotics and autonomous systems.

The systems engineering concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

This concentration is appropriate for students who wish to focus on applications in systems engineering.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Engineering (Automotive Systems), BSE
Engineering (Electrical Systems), BSE
Engineering (Mechanical Engineering Systems), BSE
Engineering (Robotics), BSE
Manufacturing Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (EGR 593).

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3)
MAE 547 Modeling and Control of Robots (3) or EGR 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
EGR 599 Thesis (6) or
EGR 593 Applied Project (3) or
portfolio (0)

Additional Curriculum Information
Students are required to select one of the approved culminating experiences for the concentration.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics, or others approved by the graduate program committee. Three credit hours of internship may be included among the electives.

A defense is required for the thesis option.

The applied project requires a written report and an oral presentation.

The portfolio includes a summary of the graduate program and a report highlighting three projects from the program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a US bachelor's or master's degree from a regionally accredited institution, or the equivalent of a US bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts from each college or university attended
  • personal statement
  • professional resume
  • official GRE scores
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: https://learnenglish.asu.edu/online/admission (https://learnenglish.asu.edu/online/admission).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (mailto:polygrad@asu.edu) to request a waiver. Applicants can also submit a GRE waiver request form if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Career Opportunities:

Graduates are prepared for industry careers in positions such as:

- automation engineer
- controls engineer
- machine learning engineer
- robotics engineer
- systems engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
Engineering Programs
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Semiconductor Processing (Certificate), Certificate (ESSCPRGRCT)

Online Degree Search Title: Semiconductor Processing (Graduate Certificate)
Campus: Tempe, Online

Program Description:
This certificate program provides a series of courses in semiconductor processing, packaging and characterization that prepare students for careers in the industry or for graduate studies. Students select from a set of core courses and technical electives.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
EEE 530 Advanced Silicon Processing (3)
IEE 572 Design Engineering Experiments (3)
MSE 550 Advanced Materials Characterization (3)

Electives or Research (6 credit hours)

Additional Curriculum Information
Students should see the academic unit for available elective and research coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/semiconductor-processing-graduate-certificate/)

Career Opportunities:
Professionals with a semiconductor processing certificate can find employment with semiconductor device manufacturers and semiconductor processing equipment manufacturers at all levels. The skills learned in this program prepare graduates for a career as a practicing engineer.

Career examples include:

- development engineer
- process engineer
- product engineer

Contact Information:
Engineering, Ira A. Fulton Schools of
School for Engineering of Matter,Transport & Enrgy
https://semte.engineering.asu.edu/certificate-in-semiconductor-processing/
ECG 202
semtegrad@asu.edu
480-965-2335

Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)

Online Degree Search Title: Sensor Signal and Information Processing (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in sensor signal and information processing provides background and application-oriented training in processing and interpreting signals acquired from sensors. The focus is on building knowledge and skills in several sensor network applications.

The program includes courses on signal and data processing for sensor systems. Course topics include digital signal processing, random signal theory, detection and estimation, sensor systems, big data and machine learning. The certificate may be completed with on-campus coursework and iCourses.

Degree Requirements:
16 credit hours.

Required Core (10 credit hours)
EEE 407 Digital Signal Processing (4) or EEE 509 DSP Algorithms and Software (3)
EEE 517 Sensors and Machine Learning (1)
EEE 554 Probability and Random Processes (3)
EEE 556 Detection and Estimation Theory (3) or EEE 606 Adaptive Signal Processing (3)

Electives (6 credit hours)

Additional Curriculum Information
Students choose from EEE 407 or EEE 509 and EEE 556 or EEE 606 as part of the core coursework.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in an engineering or a science discipline such as physics, mathematics or computer science from an accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Regular admission is granted to applicants who have at least a GPA of 3.00 or equivalent (scale is 4.00 = "A") and are competitive in the applicant pool. All prerequisites to the sensor signal and information processing certificate required courses must be in place (EEE 203 and EEE 350 from ASU, or signals and systems and random signals course equivalents from other universities).

Career Opportunities:

The certificate is a professional graduate program. The area of sensor information extraction and interpretation has various professional applications including health, sustainability, media, communications and security.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
https://ecee.engineering.asu.edu/
GWC 209
askee@asu.edu
480-965-3424

Software Engineering, MS (TSSERMS)

Online Degree Search Title: Software Engineering, MS
Campus: Polytechnic

Program Description:

The MS program in software engineering focuses on students' development of advanced knowledge and abilities in the design and application of software.

This unique Master of Science program involves the application of engineering principles to software development, including design methodologies, operation principles and maintenance and testing approaches. Students learn to solve issues through engaging projects, commonly as a member of a development team. The program develops students' professional skills in this discipline and provides opportunities for them to engage in and develop research abilities.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required capstone course (SER 517).

Required Core (9 credit hours)
SER 501 Advanced Data Structures and Algorithms (3)
SER 502 Emerging Languages and Programming Paradigms (3)
SER 515 Foundations of Software Engineering (3)

Electives (15-18 credit hours)

Culminating Experience (3 or 6 credit hours)

SER 517 Software Factory I (3) or
SER 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for a list of approved electives.

For the culminating experience, students have the choice of completing the capstone course (SER 517) or a thesis (SER 599). Completion of 30 credit hours of coursework is required for all culminating experience options.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited institution (or international equivalent).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE test scores
  • personal statement
  • proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. More information is available on the Admission Services website: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

If the student is assigned any deficiency coursework upon admission, those classes must be completed with a grade of "B" (3.00) or higher within two semesters of admission to the program. Deficiency courses include:

CSE 240 Introduction to Programming Languages
CSE 360 Introduction to Software Engineering
SER 222 Design and Analysis of Data Structures and Algorithms OR CSE 310 Data Structures and Algorithms
SER 334 Operating Systems and System Programming OR CSE 330 Operating Systems

Career Opportunities:
Software engineers solve a broad set of transdisciplinary problems and apply new technologies to improve the quality of life.

Graduates are able to design and engineer innovative systems that may include mechanical and electrical components that interact with software. They are prepared for advanced study in computing or in an allied field or to enter the computing profession, most commonly as an application software engineer.

According to the Bureau of Labor Statistics, software engineers are highly paid and there is significant growth in the number of employment opportunities. Some software engineering jobs may include:

  • creating applications for mobile devices
  • creating web applications
  • designing, creating and validating software for avionics, robotics and similar systems fields

Contact Information:
Engineering, Ira A. Fulton Schools of
Software Engineering
https://scai.engineering.asu.edu/graduate-program-software-engineering/
PICHO 245
SCAI.Grad.Admission@asu.edu
480-965-3199

Sustainable Engineering, MSE (ESSUEMSE)

Online Degree Search Title: Sustainable Engineering, MSE
Campus: Online

Program Description:
The MSE in sustainable engineering is a multidisciplinary graduate program ideal for professionals and graduate-level students with engineering and physical science backgrounds who wish to design a flexible individualized plan of study.

Courses cover such sustainable engineering topic areas as energy systems and alternative energy production; water, transportation or earth systems engineering; industrial ecology; life cycle assessment; environmental technologies; green construction practices and sustainable technology systems.

The goal of sustainable engineering is to enable long-lasting improvement of the human condition. Sustainable engineering transcends traditional engineering education by integrating considerations of complex social, environmental, political and economic factors into engineering theory and practice in order to achieve more economically, technically, environmentally, institutionally and socially efficient and robust solutions.

Degree Requirements:
30 credit hours including the required applied project course (CEE 593) and a written comprehensive exam, or 30 credit hours, a thesis and a written comprehensive exam, or 30 credit hours, a written comprehensive exam and the required capstone course (CEE 588).

Required Core (12 credit hours)

Infrastructure Systems Track (9 credit hours) or
Energy Systems Track (9 credit hours) or
Earth Systems Engineering and Industrial Ecology Track (9 credit hours)

Electives (3 credit hours)

Culminating Experience (6 credit hours)

Additional Curriculum Information
Students complete nine credit hours in a selected track. Available track options are infrastructure systems, energy systems, and earth systems engineering and industrial ecology.

Students should see the academic unit for an approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or master's degree in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • GRE scores
 • letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students with a degree in civil engineering, environmental engineering, construction engineering, mechanical engineering or with an engineering degree other than these listed may be admitted, with deficiencies as identified by the sustainable engineering faculty, if appropriate. If the applicant does not have an undergraduate degree in any of these programs, additional requirements may be necessary based upon the applicant's background, including sufficient courses in mathematics that include calculus, differential equations and linear algebra. A faculty committee determines which required courses are needed on a case-by-case basis.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering/)

Career Opportunities:
Sustainable engineering graduates can pursue careers as sustainability consultants, sustainability managers, corporate social responsibility sustainability professionals and water engineering specialists, among others.

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Envirnmt
https://ssebe.engineering.asu.edu/graduate/sustainable/
CAVC 437
Sebe.advising@asu.edu
480-965-0595

Systems Engineering, PHD (ESSYSPHD)

Online Degree Search Title: Systems Engineering, PhD
Campus: Polytechnic

Program Description:
The PhD in systems engineering is a transdisciplinary graduate program offered by the School of Manufacturing Systems and Networks.

The program is aimed at advancing the understanding of complex engineering systems and where these systems are inclusive of technological aspects, as well as social, cultural, environmental and other interacting components that impact the input, output and interactions within a system. The program prepares students to identify, model, analyze, interpret, optimize and manage the multidimensional interactions of the ever-increasing complexity of modern technological and societal challenges.

A typical incoming student in this program would have a master's degree in engineering or related discipline. The core curriculum provides the foundation for systems thinking, systems identification, systems modeling and systems design and analysis using diverse disciplinary methodological approaches. Students in this doctoral program use their capacity to evaluate complex systems and a depth of mathematical maturity to study problems for which complexity is impeding progress.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam and a dissertation.

Required Core (9 credit hours)
EGR 602 Principles of Independent Research (3)
EGR 608 Advanced Simulation (3)
EGR 611 Complex Engineering Systems (3)

Technical Electives (3 credit hours)

Electives and Research (60 credit hours)

Culminating Experience (12 credit hours)
EGR 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used toward this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives to reach the required 84 credit hours.

Students are required to take 12 credit hours of EGR 792 as part of their research coursework.

Elective coursework should be directly in support of the student's research as advised by the supervisory committee.

Students with a BS degree coming into the doctoral program in systems engineering must complete at least nine credit hours of approved mathematics courses after the completion of their bachelor's degree. Students select appropriate elective courses in consultation with the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in engineering from a regionally accredited institution, or if they have earned the equivalent of a US bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants without a master's degree in engineering or a closely related field must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program coupled with a record of research or leadership accomplishments (or both). Applicants with a master's degree in engineering or a closely related field must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the applicable master's degree program. Exceptional undergraduates are encouraged to apply after completion of a BS degree.

All applicants must submit:
- graduate admission application and application fee
- official transcripts from each college or university attended
- two letters of recommendation
- GRE scores
- statement of purpose
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english/asu-admission (https://globallaunch.asu.edu/learn-english/asu-admission)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (mailto:polygrad@asu.edu) to request a waiver. An approved waiver does not guarantee admission.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Career Opportunities:
The doctoral program in systems engineering prepares students for industry careers in areas such as:

- automotive systems
- energy systems, including alternative energy and grids
- manufacturing
- robotics

Contact Information:
Engineering, Ira A. Fulton Schools of
School of Manufacturing Systems and Networks
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)

Online Degree Search Title: Technology (Aviation Management and Human Factors), MSTech
Campus: Polytechnic

Program Description:
The MSTech degree program offers a concentration in aviation management and human factors.

Students in this program are provided with professional skills and exposed to educational theory and practice for use in leadership positions within

the aviation industry. Management and leadership positions at airports of all sizes require skills in labor management and policy, economics and analysis, national aerospace structure and aviation law, as well as an awareness of unmanned systems and flight operations. Those interested in the human systems and safety area find exceptional use of educational discussions on human performance and the human limitations and capabilities of working within a complex system.

Courses are offered at the Polytechnic campus, with some courses offered as iCourses.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Aeronautical Management Technology (Air Traffic Management), BS
> Aeronautical Management Technology (Air Transportation Management), BS
> Aeronautical Management Technology (Professional Flight), BS
> Aeronautical Management Technology (Unmanned Aerial Systems), BS
> Air Traffic Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours and a portfolio, or 33 credit hours and a thesis, or 33 credit hours including the required applied project course (AMT 593).

Required Core (12 credit hours)

Restricted Electives (3-21 credit hours)

Human Factors Track Option (12 or 15 credit hours)

Aviation Management Track Option (12 or 15 credit hours)

Culminating Experience (0-6 credit hours)
AMT 593 Applied Project (3) or
AMT 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
The detailed design of the graduate student's program requirements with the selection of the required courses is the responsibility of the student along with the supervisory committee chair and committee members.

Students in this graduate program also have the opportunity to enroll in human systems engineering (prefix HSE) and technological entrepreneurship and management (prefix TEM) graduate courses. Students may focus their study on courses that best prepare them for their career or for the next step in their educational process.

Applied project students complete 15 credit hours (five track courses) and thesis students complete 12 credit hours (four track courses) selected in consultation with an advisor. In addition, three credit hours of AMT elective coursework are chosen in conjunction with the student's advisor or committee. Students who do not select a track complete 15 or 18 credit hours from the restricted electives list or other courses approved by the student's supervisory committee. All students in the aviation management and human factors concentration must take at least five AMT graduate courses.

The portfolio option demonstrates a high level of mastery of the principles and practice of aviation management and human factors through a compilation of work the student completes through the course of their graduate study. While the specific details depend on the student's specialization, all portfolios must describe three notable projects or academic accomplishments that illustrate the evolution and advancement of the student's technical expertise and mastery of the field of aviation management and human factors. The submission must include a written document that includes an overview of graduate experience and descriptions of projects presented in the portfolio.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcript from each college or university attended
- personal statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Career Opportunities:
The program's focus is on preparing graduates for a career in the aviation industry, and it can serve as the foundation for further advanced study. Graduates of this program possess technical and professional skills for use in leadership positions in the aviation industry.

Contact Information:
Engineering, Ira A. Fulton Schools of
Aviation Programs
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Technology (Management of Technology), MSTech (TSMRMSTECH)
Online Degree Search Title: Technology (Management of Technology), MSTech
Campus: Polytechnic

Program Description:
As the nature of work continues to change, the world needs new kinds of leaders who can balance the demands of business, technology and innovation. The MSTech program in technology was constructed for this purpose.

Students in this program develop a foundation in business and develop insights into the implications and impact of technology. The flexibility in course options allows students to gain new capabilities, and by integrating these disciplines, they learn to transform industries.

Students also receive a foundation of leadership and managerial skills to complement their existing technical skills. The program then adds cutting-edge innovation strategy, data-driven decision making, and entrepreneurial skills that companies who want to compete in future economies need to have. Finally, students choose classes in their interests that mix hard and soft skills in critical areas of interdisciplinary data science; sustainable enterprises; social, entrepreneurial and disruptive innovation; enterprise logistics and operations; or advanced technologies such as smart manufacturing and engineering, artificial intelligence or blockchain technology industries.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Engineering (Automotive Systems), BSE
Engineering (Electrical Systems), BSE
Engineering (Mechanical Engineering Systems), BSE
Engineering (Robotics), BSE
Global Management, BGM
International Trade, BS

Technological Entrepreneurship and Management, BS
Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours and a portfolio, or 33 credit hours including the required applied project course (TMC 593).

It is expected that graduates of the program possess skills in research and the ability to apply these research skills in practice. To achieve this goal, each student is required to complete OMT 549 Research Techniques and Applications and either TMC 593 Applied Project or a portfolio.

Additionally, each student is required to select four courses from the following list: (12 credit hours)

OMT 503 Marketing Management (3)
OMT 504 Ethical Issues in Technology (3)
OMT 540 International Management (3)
OMT 548 Statistical Methods for Research (3)
OMT 592 Research (1-3)
OMT 598 Special Topics (1-4)
TMC 584 Internship (1-3)

Graduate courses from other majors may be selected with approval from the student's graduate advisory committee; these additional courses are selected to support the student's individual career goals and perceived needs. To ensure that all courses taken fit into the plan of study, all students are expected to discuss their tentative plan with their program advisors prior to registering for their first class and they must have an approved plan of study on file by the completion of nine credit hours toward the degree.

Students without a statistics course at the undergraduate level are required to complete an appropriate course during the first semester in the program. This course is in addition to the other requirements for the degree. Additional courses may be required to fulfill deficiencies, based on a review of the applicant's transcripts. Students should contact the department for more information.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from each college or university attended
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website for more details: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank).

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. More information on the program is available on the Global Launch website. https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Career Opportunities:
The Master of Science in technology program with a concentration in management of technology is tailored to individual professional goals, ensuring that each graduate not only obtains basic leadership and management skills, but is ready to excel in an array of tech leadership roles.

Program alumni currently work in fields such as:

- AI data analytics
- manufacturing
- marketing
- operations management
- product management
- project management
- QA
- startup founding

Contact Information:
Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

User Experience, MS (ESUSEXMS)

Online Degree Search Title: User Experience, MS
Campus: Polytechnic, Online

Program Description:
The MS program in user experience combines topics in web, human factors, visual displays and technical communication to make products, systems and services useful, usable and desirable.

Students learn how to research user needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered evaluation methods.

User experience skills are increasingly valued by industry yet are not typically covered in depth in traditional engineering or technical communication programs.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Graphic Information Technology (User Experience), BS
Human Systems Engineering (User Experience), BS
Technical Communication (User Experience), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (18 credit hours)
GIT 540 Cross-Media Design Solutions (3)
GIT 542 Usability and User Experience (3)
HSE 521 Methods and Tools in Human Systems Engineering (3)
HSE 542 Foundations of Human Systems Engineering (3)
TWC 501 Fundamentals of Technical Communication (3)
TWC 544 User Experience (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
portfolio (0)

Additional Curriculum Information
Students should see the academic units for a complete list of approved electives and research courses. Other courses may be used with approval

of the academic units.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Ira A. Fulton Schools of Engineering and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in related fields such as psychology, graphic information technology, graphic design, human systems engineering, business, cognitive science, design or technical communication from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- writing sample
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission)

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/online-user-experience-masters/)

Career Opportunities:
Graduates with this degree possess the skills in research, analysis, design and communication to be UX professionals who effectively lead teams and collaborate with clients and technical personnel.

UX is a rapidly growing field. Graduates can typically expect to find jobs in the areas of:

- design research
- digital visualization design
- human-computer interaction
- human factors research
- interaction design
- interface design
- usability testing
- user experience
- user research

Contact Information:
Integrative Sciences and Arts, College of
Human Systems Engineering
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Global Futures, College of

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)

Online Degree Search Title: Applied Ethics (Biomedical and Health Ethics), MA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
Medicine is infused with moral values and is deeply embedded in a variety of social and cultural contexts which significantly determine the effectiveness of medical care in achieving healthy outcomes for patients and populations. The objective of the biomedical and health ethics concentration in the MA program in applied ethics is to integrate academic and clinical dimensions of moral issues with medical practice and biomedical research.

Students from a broad range of backgrounds are exposed to the internal and external logics of medicine, health care and biotechnology, and they will gain substantive understanding of ethical, cultural and societal issues in a variety of domains through coursework and other experiences. Students deliberate individually and collectively about a wide range of issues and problems in contemporary medicine and the history of medicine; develop advanced critical normative reasoning and judgment capacities; and cultivate effective communication skills for academic, clinical and policy contexts.

Degree Requirements:
30 credit hours including the required applied project course (AEP 593).

Required Core (3 credit hours)
AEP 501 Practical and Professional Ethics (3)

Concentration (3 credit hours)
BIO 516 Foundations of Bioethics (3)

Concentration Electives (18 credit hours)

Culminating Experience (6 credit hours)
AEP 593 Applied Project (6)

Additional Curriculum Information
Electives are related to the concentration study. Students must request approval from the chairperson of the degree program prior to selecting elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement of interest and qualification
- resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/
INTDSB 256
sfisgrad@asu.edu
480-727-9498

Applied Ethics and the Professions (Science, Technology and Ethics), MA (LAAEPSEEMA)

Online Degree Search Title: Applied Ethics (Science,Tech and Ethics), MA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The science, technology and ethics concentration of the MA program in applied ethics and the professions focuses on the ethical issues that arise from the multiple challenges involved in balancing economic, technological, environmental, social and cultural development in a world increasingly affected by science and technology. It provides the student with a general background in ethics and ethical systems with an emphasis on ethical issues in science and technology. The program also exposes students to new challenges posed by rapidly evolving sociotechnical systems in such areas as:

- energy, environment and development
- genetic engineering and biotechnology
- information and communication technology
- nanotechnology
- risk assessment
- technology and security

Degree Requirements:
30 credit hours including the required applied project course (AEP 593).

Required Core (3 credit hours)
AEP 501 Practical and Professional Ethics (3)

Concentration (3 credit hours)
HSD 598 Topic: Science, Technology and Ethics (3)

Concentration Electives (18 credit hours)

Culminating Experience (6 credit hours)
AEP 593 Applied Project (6)

Additional Curriculum Information
Electives are related to the concentration study. Students must request approval from the chairperson of the degree program prior to selecting elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- personal statement of interest and qualification
- two letters of recommendation
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required.

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/
INTDSB 256
sfisgrad@asu.edu
480-727-9498

Biomimicry, MS (LABMYMS)

Online Degree Search Title: Biomimicry, MS
Campus: Online

Program Description:
The MS program in biomimicry, the practice of emulating nature's strategies for human designs, is offered in conjunction with The Biomimicry Center http://biomimicry.asu.edu (http://biomimicry.asu.edu), in cooperation with Biomimicry 3.8, the internationally recognized leader in the field.

Designed to empower change agents passionate about a world mentored by life's genius, graduates work toward innovative and sustainable solutions to pressing global challenges, exploring the way business is conducted, buildings and products are designed, governments operate, health care is provided, goods are manufactured and how future generations will be educated --- all inspired by nature's time-tested sustainable solutions developed over the last 3.8 billion years.

The program is designed to prepare students to facilitate the practice of biomimicry across corporate, government, education and nongovernment organization sectors. In addition to core content and electives, students gain biomimicry experience in biome-based applications, business case studies, biological strategy research and in each participant's self-designed biomimicry project in the student's chosen career field.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (13 credit hours)
BMY 501 Essentials of Biomimicry (1)
BMY 502 Life's Principles (4)
BMY 503 Biology Taught Functionally (4)
BMY 504 Biomimicry Thinking (4)

Electives or Research (11 credit hours)

Other Requirements (6 credit hours; choose 3)
BMY 530 Virtual Design Lab Practicum (2)
BMY 580 Topic: BioBrainstorm Practicum (2)
BMY 580 Topic: Biomimicry Case Study Practicum (2)
BMY 580 Topic: Biomimicry Genius of Place Practicum (2)

Culminating Experience
portfolio

Additional Curriculum Information
For electives or research, students should contact the academic unit for the approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
- graduate admission application and application fee
- official transcripts
- questionnaire (to be filled out and uploaded)
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomimicry/)

Global Opportunities:
Global Experience:
The program offers a unique global network of participants, with more than 30% of the student population being comprised of international students. In addition to multiple collaboration opportunities across the program with a diverse set of peers, one has the ability to custom design one or more of their practicum courses to include study abroad. Students can find more information on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Training in biomimicry offers a toolset of transferable skills that enhance work in any trade: commercial, industrial or government. Graduates will engage and lead others within their organization by practicing and demonstrating world-class biomimicry.

Opportunities include leading research groups focused on biomimicry thinking, developing in-house training and biomimicry tools for companies, becoming a biologist at the design table or directing sustainability efforts. The knowledge and skills gained can also lead to initiating or transforming a consulting practice into the field of biomimicry. Biomimicry helps set professionals apart, brings about positive change, and complements or creates any career path.

As a transdisciplinary, transformative field, the unprecedented challenges the world faces today demand new thinking, perspectives, tools and solutions. Training in biomimicry uniquely positions one for careers and opportunities that don't yet exist but which the world is demanding.

From the School of Complex Adaptive System's 2021 alumni employment survey, 100% of biomimicry graduates that responded are employed or pursuing continuing education. Of those respondents employed, 64% have jobs directly related to biomimicry.

Contact Information:
Global Futures, College of
School of Complex Adaptive Systems
https://collegeofglobalfutures.asu.edu/
CDS 126
BiomimicryGrad@asu.edu
480-727-0478

Biomimicry (Certificate), Certificate (LABMYGRCT)

Online Degree Search Title: Biomimicry (Graduate Certificate)
Campus: Online

Program Description:
The graduate certificate in biomimicry, the practice of emulating nature's strategies for human designs, is offered in conjunction with The Biomimicry Center (http://biomimicry.asu.edu (http://biomimicry.asu.edu)) in cooperation with Biomimicry 3.8, the internationally recognized leader in the field.

The program is designed to introduce and delve into the core fundamentals of biomimicry, such as Biomimicry Thinking and Life's Principles with the intention to apply the knowledge and tools to one's specific interests or discipline. It is best suited for individuals with an established career who wish to integrate biomimicry into that career. Participants have the opportunity to explore the application of these core fundamentals in their own discipline, field or area of interest during the biomimicry Virtual Design Lab as their culminating project.

Graduates have the ability to work toward innovative and sustainable solutions within their discipline, emulating nature's time-tested sustainable solutions evolved over the last 3.8 billion years.

Degree Requirements:
15 credit hours.

Required Core (13 credit hours)
BMY 501 Essentials of Biomimicry (1)
BMY 502 Life's Principles (4)
BMY 503 Biology Taught Functionally (4)
BMY 504 Biomimicry Thinking (4)

Other Requirement (2 credit hours)
BMY 530 Virtual Design Lab Practicum (2)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

Applicants must submit the following:
• graduate admissions application and application fee
• official transcripts
• fill out and upload questionnaire
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biomimicry/)

Global Opportunities:
Global Experience:
The program offers a unique global network of participants with more than 30% of the student population being comprised of international students. In addition to multiple collaboration opportunities across the program with a diverse set of peers, one has the ability to custom design one or more of their practicum courses to include study abroad. More information on available programs can be found on the Global Education website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Completing a biomimicry certificate can help professionals bring about positive change. The unique knowledge and skills gained enhance a student's graduate degree or expand existing professional experience, increasing career prospects and helping professionals stand out in a sea of job applicants. The certificate can complement any career path, whether it's in business, technology, science, education or government. It helps one define a biomimicry specialty within a student's current discipline.

Contact Information:
Global Futures, College of
School of Complex Adaptive Systems
https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biomimicry/
CDS 126
BiomimicryGrad@asu.edu
480-727-0478

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)

Online Degree Search Title: Complex Adaptive Systems Science (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe

Program Description:
Complex adaptive systems science is the study of interactive and dynamic systems that change over time, producing their own emergent properties. The complex adaptive systems science graduate certificate can be pursued along with any doctoral degree program at Arizona State University. Students in the certificate program pursue their chosen field of study while addressing complex global challenges.

Complex adaptive system concepts and methods provide a common language that enable the interdisciplinary collaborations needed to come to grips with the intellectual and societal challenges of the 21st century. The program aims to train the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing university-wide research on complex adaptive system science at Arizona State University and emphasizes the value of a complex adaptive systems perspective to give science better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Students pursuing the certificate must have a complex adaptive systems science faculty member on their supervisory committee.

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)

Electives (3 credit hours)

Additional Curriculum Information
Students should contact the academic unit about appropriate coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they are either enrolled in or accepted into an ASU doctoral degree program and they must be in good standing within the program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admissions application and application fee
• official transcripts
• statement of intent
• letter of support from an ASU faculty member (for existing ASU students) or other faculty member (for incoming students)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
A complex systems approach to the program means graduates possess the ability to understand the interconnections within and between technological, economic, societal, biomedical and environmental systems and have developed cutting-edge digital skills like modeling and network science. This gives them an edge in diverse careers in science, technology and data analytics, especially compared with peers in their field of study who lack such expertise.

Graduates who hold this certificate can apply the skills learned to any field or profession, although advanced degrees or certifications may be required. Career area examples include:

• business intelligence analytics
• consulting
• corporate social responsibility and sustainability

- data and microsystem engineering
- data science
- education
- military intelligence systems
- nongovernmental and nonprofit organizations
- policymaking in government and regulatory agencies
- research and development

Contact Information:
Global Futures, College of
School of Complex Adaptive Systems
https://scas.asu.edu/degree-programs/certificates/
ECA 101
complexity@asu.edu
480-727-9746

Complex Systems Science, MS (GFCMPXSSMS)

Online Degree Search Title: Complex Systems Science, MS
Campus: Tempe, Online

Program Description:
Most systems are complex. This means that through the interaction between their parts these systems exhibit emergent properties and unintended consequences.

The curriculum in the MS program in complex systems science focuses on developing skills in theoretical foundations, modeling, problem solving, critical thinking, and the importance of direct experience through research or related activities. Complex systems science students cultivate the ability to approach complex problems through analysis and modeling and by identifying issues, asking questions and collaborating with others to create effective solutions.

Graduates in complex systems science can apply their skills to a large number of areas and in many professions where they can make a difference through innovative and creative methods. Knowledge and skills gained in the program include:

- domain knowledge in areas such as strategy, economics, marketing, communications and public relations, talent development and human resources, research and design, and product development
- human skills such as critical thinking, creativity, analytical reasoning, communication and collaboration
- business enabler skills such as project management, decision-making, visualization and data communication
- digital building block skills such as artificial intelligence and data analytics, big data and data management, software development and information security

Degree Requirements:
30 credit hours including the applied project course (CAS 593).

Required Core (15 credit hours)
CAS 501 Fundamentals of Complex Systems Science: Evolution (3)
CAS 502 Fundamentals of Complex Systems Science: Computation (3)
CAS 503 Fundamentals of Complex Systems Science: Collectives (3)

Choose two from the following:
CAS 520 Agent Based Modeling (3)
CAS 521 Methods for Complex Systems Science: Network Analysis (3)
CAS 522 Methods for Complex Systems Science: Dynamical Systems (3)
CAS 523 Methods for Complex Systems Science: Statistics and Dimensionality Reduction (3)

Electives (9 credit hours)

Culminating Experience (6 credit hours)
CAS 593 Applied Project (6)

Additional Curriculum Information
The applied project is a modeling and research project in any of the applied or foundational areas of complex systems science. Students define this project with a faculty mentor and apply a selection of methods covered in the methods courses to a dataset. The applied project also involves the creation of a portfolio of student accomplishments.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a STEM field, economics, social sciences, humanities or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/complex-system-science-masters/)

Career Opportunities:

Complex adaptive system concepts and methods serve as bridges between disciplines, providing a common language that enable the interdisciplinary collaborations necessary for coming to grips with the intellectual and societal challenges of the 21st century.

A complex systems approach gives graduates the ability to understand the interconnections within and between technological, economic, societal, biomedical, and environmental systems. It gives graduates cutting edge digital skills like modeling and network science. Graduates are fluent in the language of complexity and have a solid foundation in the domain knowledge of existing academic disciplines. This will give them an edge in diverse careers in science, technology, and data analytics, especially compared with peers in their field of study who lack such expertise.

Career examples include:

- business intelligence analytics and data science
- consulting
- corporate social responsibility and sustainability
- data and microsystem engineering
- education
- environmental systems
- natural or health science management
- nongovernmental and nonprofit organizations
- policy making in government and regulatory agencies
- research and development

Contact Information:

Global Futures, College of
School of Complex Adaptive Systems
https://collegeofglobalfutures.asu.edu/
ECA 110
CASSgrad@asu.edu
480-965-6214

Energy and Sustainability (certificate), Certificate (SUERGSGRCT)

Online Degree Search Title: Energy and Sustainability (Graduate Certificate)
Campus: Tempe

Program Description:

The global energy system is a complex socio-technical system. Leaders in sustainable energy require a transdisciplinary perspective that combines

technical, economic, social and policy dimensions of energy systems. The certificate in energy and sustainability is designed to train students from diverse educational backgrounds who are in graduate-level energy-related fields to see beyond the boundaries of traditional methodologies and disciplinary viewpoints, enabling them to integrate technological knowledge with societal insights.

Graduates of the program have a basic understanding of sustainable energy technology and systems, including social dimensions such as markets and policies. They understand energy transitions as a dynamic socio-technical process, and they are able to perform analyses of energy generation, consumption and costs, and how these metrics can be utilized in policy discussions.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
SOS 572 Sustainable Energy Transitions (3)
SOS 574 Data Analytics for Sustainable Energy (3)

Electives (9 credit hours)
technical fundamentals of energy systems elective (3)
policy and governance of energy systems elective (3)
restricted elective (3)

Additional Curriculum Information
Students should contact the academic unit for the most recent approved elective coursework. Other coursework may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
Future energy challenges will be addressed by leaders who understand the complexity and dynamics of global energy systems and can communicate with diverse stakeholders to implement adaptive solutions. Graduates with this certificate are competitive for employment opportunities in academia, industry or government.

Career examples include:

  • policy analyst
  • project manager
  • regulatory affairs specialist
  • renewable energy engineer
  • strategy consultant

Contact Information:
Global Futures, College of

School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
WGHL 108
SustainabilityGrad@asu.edu
480-727-6963

Environmental and Sustainability Economics (Certificate), Certificate (SUESECGRCT)

Online Degree Search Title: Environmental and Sustainability Economics (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe

Program Description:
The graduate certificate program in environmental and sustainability economics provides training in the economic theory and quantitative modeling tools of environmental and resource economics. Environmental and resource economics provides an approach to evaluate the consequences, social benefits and costs of changes to markets and environmental policies.

Prospective students for this certificate include master's and doctoral students in fields with a sustainability, environmental science or policy focus, including sustainability, public affairs, biology, environmental social science, applied mathematics and agribusiness, where training in environmental and resource economics may be complementary to research interests or career development.

Graduates of the certificate program are able to identify and evaluate the economic assumptions embedded in policy analyses and recommendations. They are also able to critically evaluate the validity of publications in environmental and resource economics; apply economic modeling approaches to real-world cases; utilize econometric techniques to generate predictions; and test hypotheses using applied economic models.

Degree Requirements:
17 credit hours.

Required Core (5 credit hours)
SOS 512 Environmental and Resource Economics (3)
SOS 529 Research Seminar in Environmental and Sustainability Economics (2)

Electives (12 credit hours)

Additional Curriculum Information
Students choose one elective course in each of the following categories: microeconomic theory, statistical and econometric modeling, environmental and resource economics, and modeling and empirical methods.

Students should see the academic unit for a list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Prerequisite coursework: None. However, it is strongly recommended that students have at least one semester of calculus or the equivalent such as MAT 251 Calculus for Life Sciences, MAT 265 Calculus for Engineers or SOS 211 Calculus and Probability.

Career Opportunities:

Professionals with expertise in environmental and resource economics are in demand across sectors and industries, including business, sustainability, government, biology and applied mathematics.

Career examples include:

- chief sustainability officer
- economist
- environmental economist
- environmental engineer
- environmental protection specialist
- environmental restoration planner
- health sciences manager
- postsecondary environmental sciences professor
- sustainability specialist
- urban planner

Contact Information:

Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/certificates/environmental-and-sustainablity-economics-certificate/
WGHL 108
SustainabilityGrad@asu.edu
480-727-6963

Food Policy and Sustainability Leadership (certificate), Certificate (SUFPSLGRCT)

Online Degree Search Title: Food Policy and Sustainability Leadership (Graduate Certificate)
Campus: Tempe, Online

Program Description:

The certificate program in food policy and sustainability leadership trains students in food policy, from understanding policymaking to developing specific, master-level skills that allow them to effectively navigate legislative, budgetary and administrative governmental processes. This empowers students to grapple with real-life food system complexities and become effective agents of change.

Students are exposed to contemporary food policy issues and are required to choose a food policy issue in which, with faculty assistance, they become an expert. Students participate in research projects and professional presentations that contribute to food policy knowledge among sustainable food system advocates.

This certificate program allows students to self-schedule work, with the exception of weekly calls with their professor; the program also requires students to spend a week meeting with food producers in Arizona and a week meeting with policymakers in Washington, D.C.

Degree Requirements:

15 credit hours including the required capstone course (SFS 565).

Required Core (12 credit hours)
SFS 560 Tools and Tactics for Food Policy Change (3)
SFS 561 Food and Farm Immersion Experience (2)
SFS 562 Managing Natural Resources for Food Production (3)
SFS 563 Applied Food Policy Immersion Experience (2)
SFS 564 American Agriculture in the Global Context (2)

Culminating Experience (3 credit hours)
SFS 565 Organizational Leadership (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- professional resume
- personal statement
- interview (in-person or virtual)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement should not exceed 1,500 words, and it should describe a food policy issue of interest to the applicant and why the applicant thinks that engaging in policy is important as it relates to this issue.

Applicants should also have a minimum of two years of professional or organizational experience in food and agriculture.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/sustainable-food/)

Career Opportunities:
Graduates of this program can pair the certificate with a variety of graduate degrees to enhance their expertise and career prospects for work in government, public health organizations, food companies or educational institutions.

Career examples include:

- agricultural consultant
- education coordinator
- food policy analyst
- food resource manager
- lobbyist
- nonprofit advocate

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/certificates/food-policy-and-sustainability-leadership-certificate/
WGHL 108
FoodSystemsGrad@asu.edu
480-727-6963

Futures and Design, MS (GFFDMS)
Online Degree Search Title: Futures and Design, MS
Campus: ASU@Mesa City Center

Program Description:
The MS program in futures and design combines future-focused theories and practices, including speculative design, science fiction and foresight studies, to investigate and craft alternative futures. Students learn a range of future-oriented theories and methods used today by organizations --- and invent the theories and methods of tomorrow. Students explore a variety of epistemological perspectives and experiential processes to systematically define complex problems and explore robust strategies of change. In doing so, they diversify their critical thinking and problem-solving skills.

Drawing from social theory, innovation studies and design science, the program develops students' capacity to envision new futures across scales

of complexity, including objects, platforms, services, organizations and systems. Students work in transdisciplinary teams with real-world partners from industry and the community to produce compelling visions of that future in diverse media.

The Master of Science in futures and design is offered by the transdisciplinary School for the Future of Innovation in Society.

Degree Requirements:
33 credit hours including the required applied project course (HSD 593).

Required Core (15 credit hours)
HDA 581 Emerging Media Colloquium (3)
HSD 550 Prototyping Futures (3)
HSD 551 Future-Focused Research Methods (3)
HSD 552 Worldbuilding and Imagination (3)
HSD 555 Strategic Design Futures (3)

Electives (9 credit hours)

Other Requirements (3 credit hours)
DSC 584 Internship (3)
DSC 590 Reading and Conference (3)
DSC 592 Research (3)
HDA 580 Practicum (3)
HSD 584 Internship (3)
HSD 590 Reading and Conference (3)
HSD 592 Research (3)

Culminating Experience (6 credit hours)
HSD 593 Applied Project (6)

Additional Curriculum Information
Students take the one credit hour course HDA 581 three times to attain a total of three credits for the course.

Admission Requirements:
Applicants must fulfill the requirement of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
There is an increasing demand for professionals who are trained in navigating uncertainty, design thinking and strategically coping with disruptive change --- key skills that graduates of this program are equipped with. In fact, Bain and Associates found that over half the Fortune 500 companies use scenario planning, one of the core methods covered in the program. Harvard Business School has identified "anticipation" as an essential skill of a strategic leader.

Some career examples include:

• director of futures strategy

- futurist
- global trends manager
- growth strategist
- ideation leader
- issues manager
- principal foresight researcher
- strategic planner

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu
INTDSB 256
sfisgrad@asu.edu
480-727-8787

Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)

Online Degree Search Title: Global Development and Innovation (Graduate Certificate)
Campus: Tempe, Online

Program Description:
The graduate certificate program in global development and innovation responds to the knowledge and skills gap that development practitioners around the world often struggle with. It provides current and critical perspectives as well as analytical and practical skills to address some of today's most pressing global challenges including inequality, sustainability and poverty.

Program graduates will have acquired an understanding of the main debates in global development and will be able to engage in informed and critical ways with professionals from a range of development backgrounds to challenge development orthodoxies. Graduates will have learned how to approach development problems with creativity and confidence and with the ability to work collaboratively on addressing some of today's most pressing global challenges, including inequality and sustainability.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
GTD 501 Global Technology and Development (3)
GTD 511 Development Policy and Practices (3)

Electives (9 credit hours)

Additional Curriculum Information
Students select nine credit hours from a restricted list of electives; no more than three one-credit courses may count toward the nine. The electives can change over time as needed, with unit director approval. For a current and complete list of approved electives, students should see the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution or the equivalent from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- personal statement
- resume
- official transcripts
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Acceptable proof consists of a TOEFL score of at least 550 (PBT) or 80 (iBT), an IELTS overall band score of at least 6.5 with no band below 6.0, or a Pearson Test of English score of at least 60. The most current requirements are available on the Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

International students who need an F1 or J1 visa first need to apply to and be accepted into a master's degree or doctoral degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/global-development-and-innovation-graduate-certificate/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Identify and analyze competing theories and practices on global development and innovation.
- Communicate global development policies, the practice of development, and actual outcomes.

Career Opportunities:
Graduates of this program may pair the certificate with other graduate degrees to pursue a variety of careers. Professionals with an understanding of the main debates in development are in high demand across a wide range of global development agencies including nongovernmental organizations, civil society, foundations, industries and philanthropic organizations.

Career examples include:

- data analyst
- development planner
- development program associate
- development field researcher
- gender specialist in nongovernmental organizations
- organizational consultant
- organizational development specialist
- poverty analyst
- social entrepreneur

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/grad-cert/gdi/
INTDSB 256
sfisgrad@asu.edu
480-965-6584

Global Sustainability Science, MS (SUGSUSSMS)

Online Degree Search Title: Global Sustainability Science, MS
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The MS in global sustainability science is a two-year collaborative degree program offered jointly by Arizona State University and Leuphana University of Luneburg, Germany. Students who participate in the program earn a Master of Science in global sustainability science from ASU and a Master of Science in global sustainability science from Leuphana University.

Students from both universities collaborate throughout the program and spend one semester together at Leuphana in Luneburg as well as one semester together at ASU in Tempe, Arizona. The program culminates with a capstone project resulting in a publishable scientific journal article. Students have the opportunity to engage with sustainability problems and solutions in an international setting.

The program focuses on value-oriented and transformational aspects of sustainability, linking research with practical implementation of sustainability solutions. Project-based learning offers students opportunities to conduct their research on real-world sustainability solutions in collaboration with stakeholders and professionals. In addition, the program facilitates intercultural collaboration, which prepares graduates for working in internationally operating institutions and organizations.

Degree Requirements:
41 credit hours including the required capstone course (SOS 596).

Required Core (17 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 511 Advanced Sustainability Problem Solving (3)
SOS 525 Social-Ecological-Technical Systems (SETS): Domains and Interfaces (3)
SOS 557 Global Sustainability Research Preparation (1)
SOS 558 Global Sustainability Research Project (3)
SOS 559 Global Sustainability Science Perspectives Seminar (1)
SOS 581 Synthesis for Sustainability Research (3)

Methods Elective (3 credit hours)

Open Electives (15 credit hours)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6)

Additional Curriculum Information
Students should see the academic unit for elective coursework approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • three letters of recommendation
  • letter of intent or written statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants not meeting the minimum GPA requirement may still be considered, although the college will require a GPA petition

References should be from educators (this is preferred) or professionals familiar with the applicant's experience and capability for graduate work. It is highly recommended that the recommendations are academic in nature and address the applicant's experience and potential for success in a graduate program; however, professional recommendations also are accepted. If possible, at least one recommendation should be academic in nature.

All applicants must upload a statement of intent when completing the online application. In no more than 600 words, applicants must explain the goals they intend to achieve through their program of study at the College of Global Futures. Applicants should describe how their background will contribute to their success in the program and how completion of the degree program will support their long-term career goals. Finally, applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their program of study and identify potential faculty advisors

GRE scores are required but may be waived for students already enrolled at Leuphana University of Luneburg.

Global Opportunities:

Global Degree:

With a global degree program, students have the opportunity to receive their ASU degree in partnership with an international institution. Students and faculty can create and share knowledge, combining two institutions' strengths in research and teaching to solve pressing global and societal challenges. Global degree programs also give students exposure to international academic experiences and content. Students should contact the academic unit directly for more information about this global degree program.

Career Opportunities:

Completing a master's degree in global sustainability science can help graduates apply sustainable solutions in a diverse workforce both domestic and internationally. Graduates of the program often enter doctoral studies immediately after completing the program.

According to the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability.

Career opportunities include:

- entrepreneur
- field director
- program manager
- sustainability analyst

Contact Information:

Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/graduate/
WGHL 108
sustainabilitygrad@asu.edu
480-727-6963

Global Technology and Development, MS (LSGTDMS)

Online Degree Search Title: Global Technology and Development, MS
Campus: Tempe, Online

Program Description:

The MS in global technology and development is a program in international development that examines social, economic and political development and is concerned with the global disparity in wealth and access to resources between and among countries around the world.

Global in scope, the program highlights the variables of technology and innovation in these development dynamics with explicit goals to seek equity, justice and ease human suffering. The program offers an interdisciplinary social science curriculum and trains students with diverse undergraduate degrees, backgrounds and experiences.

Students have the opportunity to pursue a customized program to address social, economic and political problems anywhere in the world. Through a wide variety of theoretical, research, policy and special topics courses, students are prepared to finish the degree program with an applied project of their choosing that explores theoretical aspects of global development or applied solutions for impact.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Innovation in Society, BS
Innovation in Society, BA
Technological Entrepreneurship and Management, BS
Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (GTD 593).

Required Core (3 credit hours)
GTD 511 Development Policies and Practices (3)

Other Requirements (12 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)

Restricted Electives (12 credit hours)

Culminating Experience (3 credit hours)
GTD 593 Applied Project (3)

Additional Curriculum Information
For the approved electives course list, students should contact the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited college or university recognized by ASU in a related field such as political science, international relations, sociology, anthropology, economics, business, education, technology, engineering, life sciences, foreign languages or literature (i.e., topics related to global development, culture or socioeconomic institutions).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• two letters of recommendation
• resume
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score is required. Applicants should visit https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency) for more information.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-global-technology-development/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Identify, articulate and critique main theories of global technology and development.
•Identify a current problem in global development, and create relevant and focused research questions, followed by a research design, and completed research or applied solution.
•Identify current priorities in global development, and critique how discourse, institutions and policies shape development outcomes.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
Graduates of the global technology and development program pursue impactful and rewarding careers in international development across all sectors, working for government agencies, non-governmental organizations, nonprofits, educational institutions, private businesses and corporations. Learning outcomes and skills include research, writing, analysis, and the ability to understand the complexity of diverse cultural, social and political contexts. These skills and abilities transfer to a myriad of career pathways, since they are in demand from organizations across industries.

From the School for the Future of Innovation in Society's 2021 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education. Of those respondents employed, 62% have jobs directly related to their degree.

Career examples include:

- analyst (research, project, technical, data)
- consultant (fundraising, marketing, information technology)
- coordinator (environmental, health, safety, operations)
- educator (instructional design, teacher, instructor)
- manager (product, project, security, business, program, information technology)
- researcher (higher education, government, nonprofit)

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/masters-programs/gtd/
INTDSB 256
sfisgrad@asu.edu
480-965-6584

Global Technology and Development (Applied International Development), MS (FIGTDAIDMS)

Online Degree Search Title: Global Technology and Development (Applied International Development), MS
Campus: Online

Program Description:
The MS in global technology and development with a concentration in applied international development is a program focused on policies and practices in the development field and includes specializations provided by other units across the university.

The program offers an interdisciplinary social science curriculum and trains students with diverse undergraduate degrees, backgrounds and experiences. Highly customizable, the program allows professionals, whether early in their careers or experienced, to develop and enhance skills in planning, management, analysis and evaluation in development practice.

Students select an area to specialize in, such as education, sustainability, health, business, management, public policy or community development, where they can directly apply their knowledge to a relevant sector. Learning outcomes emphasize the utilization of skills and experience that students already possess, and enhanced abilities in analysis, critical thinking and the application of knowledge to development-related challenges. Through a wide variety of research, policy and special topics courses, students are prepared to finish the degree program with an applied project of their choosing that explores a critical aspect of global development and an applied solution for impact.

Degree Requirements:
30 credit hours including an applied project (GTD 593).

Required Core (3 credit hours)
GTD 511 Development Policy and Practices (3)

Concentration (9 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 504 Technology and Development in Zones of Conflict (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)
GTD 508 Technology and Development in Latin America (3)

NLM 520 Financial and Resource Management (3)
NLM 530 Program Evaluation and Information Management (3)

Specialization Electives (15 credit hours)

Culminating Experience (3 credit hours)
GTD 593 Applied Project (3)

Additional Curriculum Information
Students select three courses from the concentration list for a total of nine credit hours.

Students may take elective courses in an area of interest from a variety of ASU Online academic programs such as business, management, education, community development and health. Students should see the academic unit for available specializations and approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in global development, education, business, health, management, community development or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • letter of intent or written statement
 • two letters of recommendation
 • resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A personal statement of purpose of one to two pages is required for admission as well as two letters of recommendation, either academic or professional. While the GRE is not required, the statement of purpose is a significant factor in the application process, and it should address the background and capabilities of the applicant as well as the applicant's interest in the program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/global-technology-development-applied-international-development-ms/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
 •Identify, and critique global technology and development concepts and current challenges.
 •Identify and articulate a current problem in global development and create relevant and focused applied research project or an applied solution.
 •Identify current priorities in global development, and critique how discourse, institutions and policies shape development outcomes.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
From the School for the Future of Innovation in Society's 2021 alumni employment survey, 100% of master's degree program respondents are

either employed or pursuing continuing education. Of those respondents employed, 62% have jobs directly related to their degree.

Graduates pursue impactful and rewarding careers in international development across all sectors, working for government agencies, non-governmental organizations nonprofits, educational institutions, private businesses and corporations. Students learn skills that include research, writing, analysis, and the ability to understand the complexity of diverse cultural, social and political contexts. These skills and abilities transfer to a myriad of career pathways, since they are in demand from organizations across industries.

Career examples include:

- analyst (research, project, technical, data)
- consultant (fundraising, marketing, information technology)
- coordinator (environmental, health, safety, operations)
- educator (instructional design, teacher, instructor)
- manager (product, project, security, business, program, information technology)
- researcher (higher education, government, nonprofit)

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Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)

Online Degree Search Title: Human and Social Dimensions of Science and Technology, PhD
Campus: Tempe

Program Description:
The PhD program in human and social dimensions of science and technology is an intellectually rigorous program with problem-oriented research. It prepares students to teach and conduct research using humanistic and social science methods on the social, historical, philosophical and policy foundations of science and technology as well as on their current and future interactions with society.

The curriculum responds to growing demand for transdisciplinary research in the humanities, information sciences and social sciences that can provide insights into the dynamic relationship between science, technology and society.

The program is flexible, combining a strong, integrated, first-year experience with substantial freedom for students who, in conjunction with their advisors, design carefully crafted plans of study relevant to their own areas of specialization and expertise. Unique among programs of this kind in the nation, students also learn to communicate and work with scientists, engineers, policymakers, business and community officials, or the public in conducting and applying research.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)
HSD 601 HSD I: Human Dimensions of Science and Technology (4)
HSD 602 HSD II: Science, Power and Politics (4)

Culminating Experience (12 credit hours)
HSD 799 Dissertation (12)

Additional Curriculum Information
This is a research degree, culminating in a dissertation, which must draw on multiple disciplinary perspectives.

Students may apply up to 30 credit hours from a prior master's degree toward the total hour requirement, upon approval of the steering committee. Each student, with his or her supervisory committee, develops a unique plan of study, which the student's supervisory committee approves.

Each student completes a yearlong core seminar, a second-year research project, two major fields, one minor field, methods training, electives and research. Students also regularly attend the program colloquia. There are no foreign language or statistics requirements, except as needed for a particular student's selected dissertation project.

Comprehensive Examination

The written dissertation prospectus and its oral defense constitute the written and oral comprehensive examinations required by the Graduate College for advancement to candidacy. Each student develops a written dissertation prospectus, including a bibliography and discussion of relevant research skills. The student makes an oral defense of the dissertation prospectus to his or her supervisory committee, which must approve the prospectus. Students normally complete the dissertation prospectus and its defense in the fifth semester.

Dissertation
The dissertation represents an original body of research that contributes to existing knowledge in a significant way.

Final Examination
Upon completing the dissertation, the student makes an oral defense of the dissertation to the supervisory committee, which must approve the dissertation. The doctorate is granted upon successful completion of the oral defense and any revisions to the dissertation required by committee members.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • HSD academic record form
  • a curriculum vitae or resume
  • a personal statement
  • a writing sample
  • general GRE scores
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. In order to meet English proficiency students must have an IELTS overall band score of at least 6.5 with no band below 6.0, or Pearson Test of English score of at least 60, or a TOEFL score of at least 550 (PBT) or 80 (iBT). ASU's institutional code is 4007. ASU only accepts electronic copies of the TOEFL score report.

Preference is given to students with demonstrated interest and competence in relevant areas of intellectual work.

The personal statement should be one or two single-spaced pages. It must be a statement of proposed research that clearly explains why the student feels ASU is the appropriate place to pursue their doctorate, identifies one or more faculty members whose interests or work are relevant to the student's proposed research, and describes the goals for pursuing the degree.

The writing sample should be a 10- to 25-page sample of academic writing, such as a course paper, an undergraduate thesis, or an excerpt from a master's thesis.

Students should see the program website for application deadlines.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Evaluate foundational theories and existing literature in humanistic and social studies of science and technology and identify gaps and opportunities for future research
  • Design a comprehensive research proposal to critique, analyze, and/or explore a key issue or theme in the human and social dimensions of science and/or technology

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close

mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
Professionals with expertise in the human and societal dimensions of science, technology and innovation are in high demand across many sectors. From the School for the Future of Innovation in Society's 2021 alumni employment survey, 100% of doctoral program respondents are employed. Of those respondents employed, 75% have jobs directly related to their degree.

Most graduates have careers in academia, but a number also work in nonprofits, think tanks and government. Skills in foresight, technology assessment, implications and values of innovation, and science policy are critical for guiding businesses, institutions, governments and societies in considering and shaping the role of science, technology and innovation in their futures.

Career examples include:

- director of operations
- energy social scientist
- executive director
- information security manager
- professor
- research and development associate
- research strategist

Contact Information:
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Innovation in Global Development, PHD (FIIGDPHD)

Online Degree Search Title: Innovation in Global Development, PhD
Campus: Tempe

Program Description:
The PhD program in innovation in global development emphasizes critical and diverse perspectives on global development and innovative policies and practices that challenge the status quo. This research-based program is both rigorous and flexible, designed to meet the needs of a diverse set of students committed to a vision of development that values context, inclusivity and equity and is socially, culturally and ecologically sensitive.

Students emerge from this program equipped with the comprehensive research capabilities, critical thinking skills, leadership skills and global perspectives necessary to navigate complex development challenges in a way that reduces inequalities and builds a more sustainable and inclusive future.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (17 credit hours)
GTD 505 Social Science Inquiry for Global Development (3)
IGD 601 Re-Thinking Global Development (4)
IGD 602 Innovation for Inclusive Development (4)
IGD 603 Methods for Research in Global Development (4)
IGD 604 Colloquium in Innovation in Global Development (2)

Electives or Research (55 credit hours)

Culminating Experience (12 credit hours)
IGD 799 Dissertation (12)

Additional Curriculum Information
Students are required to take IGD 604 once for two credits as a core course requirement. They may take it one additional time for two more credits

that can be used towards electives.

Elective courses are chosen based on the students' area of interest and approval from their committee. Other electives may be used with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in anthropology, natural resource management, agriculture development, political science, development studies, economics, development management, rural development, technology and development, sociology, science and technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • letter of intent or written statement
  • professional resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Demonstrated their ability to contribute to the body of knowledge around global development.
  • Identify and articulate the main theories, concepts and challenges in the field of global development in their historical and contemporary contexts; and apply them in an equitable and sustainable manner
  • Design a comprehensive research proposal, synthesize a literature review, and analyze datasets using appropriate methodology
  • Communicate orally and in writing a well-developed research agenda that includes development themes, theories, policies and practices; methodology and analysis; and conclusions for positive changes in global development

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
The new generation of development scholars are competent in dealing with global development challenges with foresight and imagination that promote well-being and an equitable future for all. Professionals with expertise in global development are in high demand across a wide range of development agencies such as the World Bank, United Nation Agencies, Asian Development Bank, African Development Bank, United States Agency for International Development and nongovernmental organizations.

Scholars with training in theories, concepts and debates in the field of global development are also in high demand by research institutions, think tanks, universities, development studies centers, multinational companies, foundations and governments.

Career examples include:

  • development researcher

- global development consultant
- global development specialist
- government official
- leader in civil society organizations
- organization official
- poverty alleviation advocate
- professor
- program officer

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Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)

Online Degree Search Title: Nonfiction Writing and Publishing (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:
The graduate certificate program in nonfiction writing and publishing teaches students the art of telling true stories. The program is based on the belief that the work done within the university is most impactful when it can be shared --- in a clear and compelling way --- with audiences beyond one's chosen fields of research.

In this interdisciplinary certificate program, graduate students read, study and write narrative nonfiction, from literary journalism to op-eds and from explanatory essays to memoir. Students learn how to analyze the craft and stylistic decisions of professional and literary nonfiction writers and utilize these skills in their own work.

Award-winning faculty teach scholars and students to produce vivid writing that connects with a larger public as well as the most effective ways to get their writing out into the world, be it through blogs, online or print publications, trade books, or film and television.

The program is open to all graduate students, whether from the humanities, sciences, engineering, health or other academic disciplines, who want to write eloquently, persuasively and memorably about their research or life experiences.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
HSD/HPS/HST 520 Masters of Nonfiction (3)
HSD 521 Writing True Stories that Matter (3)

Electives (9 credit hours)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants who attended school outside of the U.S. must hold a bachelor's degree, graduate degree or equivalent from an institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants are encouraged to enroll in a graduate degree program in conjunction with this certificate but are not required to do so.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Read, analyze, and synthesize works of journalistic or literary nonfiction and create individual works based on key concepts.
- Demonstrate an understanding of nonfiction writing and publishing conventions and the ability to write for diverse non-academic audiences.
- Demonstrate an understanding of nonfiction writing and publishing conventions and the ability to write for diverse nonacademic audiences.

Career Opportunities:

According to Forbes, storytelling is the most important skill in today's job market. Of the many sources of information in the world, it is people who write compelling stories who are best heard.

Graduates with this skill are more attractive to employers both in academia and the private sector. Expertise in writing and storytelling are in demand in business, media, entertainment, politics and community organizations. Strong writers and vivid storytellers are particularly valuable to businesses and institutions relying on narrative-based strategies to engage and grow audiences online.

Graduates may pair the certificate with other degrees to create stronger career opportunities.

Career examples include:

- communications specialist
- content strategist
- editor
- public relations manager or specialist
- screenwriter
- social media manager
- video game designer

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Public Interest Technology, MS (FIPITCHMS)

Online Degree Search Title: Public Interest Technology, MS
Campus: Online

Program Description:

The MS program in public interest technology asks this fundamental question: How can technology be used for good? When studying the public interest, it is vital to understand how new technologies pose new challenges and opportunities for society.

Students in this program acquire the ability to work in cross-disciplinary teams and gain a fluency that permeates technology and society issues and solutions. Graduates think analytically, design new systems and processes, and gain exposure to emerging technologies that can make a difference in how government agencies, nongovernment organizations, nonprofits and private companies emphasize social impact. People working in this space ask communities what their needs are first, using a co-design approach to innovation with cultural awareness and values top of mind.

Public interest technology expertise is relevant to all entities who seek to embed the goals of technology assessment, fairness, sustainability and environmental justice in their products and processes.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Innovation in Society, BA
Innovation in Society, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including an applied project (PIT 593).

Required Core (12 credit hours)
PIT 501 Principles of Public Interest Technology (3)
PIT 502 Co-designing the Future (3)
PIT 503 Technology Impact Assessments (3)
PIT 504 Public Engagement Strategies (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
PIT 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for the current elective course list. The elective list may change over time as new courses become available. Students must meet any prerequisites for the course in order to register for it or receive permission from the Master of Science in public interest technology degree program chair and the instructor of the course.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, public administration, engineering, business or marketing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/public-interest-technology-masters/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Apply a transdisciplinary approach in the creation of a public interest technology design or development process, and analyze existing public interest technology solutions by applying fundamental principles, theoretical and conceptual frameworks (e.g. co-design) to real-world cases.
•Think critically and evaluate the success or failure of existing sociotechnical systems and make recommendations on how to overcome systemic problems related to justice, equity, diversity, inclusion and fairness, among other human rights dimensions.
•Create and disseminate the results of their public engagements using different forms of communication such as professional report writing and oral communications, employing creative strategies through traditional and emerging online platforms.

• Students will be able to apply a transdisciplinary approach in the creation of a public interest technology design or development process, and analyze existing public interest technology solutions by applying fundamental principles, theoretical and conceptual frameworks (e.g., co-design) to real-world cases.

Global Opportunities:

Global Experience:

Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:

Graduates of this program are public interest technologists, an emerging domain of expertise. Generally, those completing the degree will become analysts, advisors, assessors, coordinators, policymakers, consultants or managers.

Careers for graduates include telecommunications, information technology, government, education, energy, transport, health care, international global development, standards setting, accountability, oversight and ombudsperson service. Graduates have options to enact change within their workplace using their newly acquired skills and are able to develop ideas for new for-profit and nonprofit startups that are user-centric, collective and community-driven.

Career examples include:

- advisor (solutions, technology impact)
- analyst (policy, data privacy, systems)
- assessor (public interest technology, public health)
- consultant (content strategist, business, safety, user experience)
- coordinator (advocacy, standards)
- manager (data governance, cybersecurity, data privacy, environmental affairs, executive)
- policymaker (human rights, emerging technology)

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Responsible Innovation in Science, Engineering and Society (certificate), Certificate (GCRSESGRCT)

Online Degree Search Title: Responsible Innovation in Science, Engineering and Society (Graduate Certificate)
Campus: Tempe

Program Description:

The certificate program in responsible innovation in science, engineering and society is designed for scientists, engineers, research managers, technology officers, public administrators and policy officials who seek to advance science and technology to improve societal outcomes and to develop creative solutions to the fundamental global challenges of the 21st century.

The program provides knowledge, skills and methods for analyzing innovation and technological systems and it addresses knowledge and uncertainty in decision-making; the regulation and governance of science and technology; the uptake of science and technology in complex societal settings; and interactions between science, technology and the public.

The certificate may be pursued by professionals in industry or government or by students pursuing other Arizona State University graduate degree programs.

Degree Requirements:

15 credit hours including the required capstone course (HSD 580).

Required Core (3 credit hours)
HSD 540 Responsible Innovation and Research (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
HSD 580 Practicum (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Acceptable proof of English proficiency is an IELTS overall band score of at least 6.5 with no band below 6.0 (no institutional code needed); or a Pearson Test of English score of at least 60; or a TOEFL score of at least 550 (PBT) or 80 (iBT). Students should note that the ASU institutional code for the TOEFL is 4007. Also, students should note that ASU only accepts electronic copies of the TOEFL score report.

International students who need an F1 or J1 visa first need to apply to and be accepted into a master's or doctoral program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants should see the program website for application deadlines.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Identify, analyze, recognize an opportunity to justify and design a responsible innovation program within a science and technology initiative.
•Communicate in writing and verbally how to implement a responsible innovation program within a science policy initiative.

Career Opportunities:
Recent graduates of this program have paired the certificate with technical graduate degrees to make themselves competitive for science policy jobs in the public sector. State legislatures, courts and agencies seek employees with a technical perspective and the ability to understand and analyze their social, political, environmental and economic aspects.

Career examples include:

• analyst
• environmental assessor
• federal agency staff
• government liaison
• law clerk
• legislative staff

Contact Information:
Global Futures, College of

Science and Technology Policy, MSTP (LAHSDPSM)

Online Degree Search Title: Science and Technology Policy, MSTP
Campus: Tempe

Program Description:
The MSTP program uniquely prepares its graduates to have an impact in today's science and technology decision-making. It is designed to train future leaders, policymakers and analysts in tackling diverse and complex policy issues such as climate change and artificial intelligence in ways that are socially responsible and that contribute to a more just and vibrant future.

This cohort-based program attracts students of the highest caliber and can be completed in one year or over an extended period on a part-time basis. It is suited to anyone interested in a career in which they work to ensure, through responsive and effective policy development and implementation, that science and technology serve society. Students come from a wide range of backgrounds.

The program provides students with knowledge and tools to analyze and answer complex questions around science and technology policy issues, including:

- How are science and technology influenced by the policy process?
- What is the rightful place of scientific expertise in public policymaking?
- What values and assumptions underlie society's current understanding of science and technology?
- Who should make decisions about science and technology policy? Only experts? Or should lay people also have a voice?
- How should policymakers deal with the risks and uncertainties that come from new science and technology (e.g., biotechnology, nanotechnology, geoengineering, information technology)?
- How can policymakers balance concerns about science and technology, while maintaining innovation and international competitiveness?

Students work on topics as varied as responsible innovation, technological convergence, social and environmental sustainability, health and well-being, energy, equity, security, data privacy, infrastructure, democracy, STEM education, the role of science, and space exploration and policy. They are able to describe the historical, social and institutional foundations of science and technology policy; discuss the complexities of science and technology policy decisions, decision-making under uncertainty and the role of experts; employ effective policy communications skills and techniques; and work collaboratively and effectively with experts from different backgrounds, including scientists, engineers and elected officials.

Graduates are able to apply critical skills and methods to science and technology policy analysis, apply cutting-edge approaches to ensuring socially responsive and responsible technology innovation, and contribute to developing and implementing creative solutions to many of today's most complex challenges.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

African and African American Studies, BA
Gender, Women and Sexuality Studies, BA
Innovation in Society, BA
Innovation in Society, BS
Justice Studies, BA
Justice Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (HSD 593).

Required Core (6 credit hours)
HSD 501 Science and Technology Policy (3)
HSD 502 Advanced Science and Technology Policy (3)

Electives (9 credit hours)

Restricted Electives (9 credit hours)

Other Requirements (3 credit hours)
HSD 591 Topic: MSTP Professional Development Seminar Series (3)

Culminating Experience (3 credit hours)
HSD 593 Applied Project (3)

Additional Curriculum Information
Restricted electives are from a list provided by the program chair.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing. Students are strongly encouraged to have prior relevant education, training or experience in science and technology policy; management of science, technology or innovation; or science, technology and society.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • resume
  • personal statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Identify and analyze science and technology policy challenges, apply policy frameworks, and develop policy insights and recommendations.
  • Communicate science and technology policy challenges/issues/options to diverse audiences.
  • Research and analyze the history of a public law related to science, technology, or innovation and use professional writing formats to explain how the law was implemented.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
Science and technology policy professionals are in high demand across sectors and industries, including business, think tanks, nongovernmental organizations, international organizations, academic institutions, as well as local, state and federal government. Skills in policy analysis and the policymaking process are valuable to businesses and institutions that deal with science and technology policy issues.

From the School for the Future of Innovation in Society's 2021 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education. Of those respondents employed, 62% have jobs directly related to their degree.

Some career examples include:

- editor of a science and technology-focused magazine or journal
- environmental protection specialist
- government program administrator
- information technology specialist in the federal government and private sector
- intelligence analyst on science and technology threats
- official at U.S. Patent and Trademark Office
- regulatory policy analyst
- science and technology research analyst, program or policy analyst, or legislative analyst
- science, technology or health care policy advisor
- smart cities program manager

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/masters-programs/mstp/
INTDSB 256
sfisgrad@asu.edu
480-727-9498

Sustainability, MA (SUSUSTMA)

Online Degree Search Title: Sustainability, MA
Campus: Tempe

Program Description:
The MA in sustainability is a research-oriented degree program that culminates with research writing: either a thesis or publishable scientific paper.

The program focuses on knowledge generation and investigating potential solutions to sustainability challenges and prepares students to design and conduct transdisciplinary research. Although the graduate degree programs emphasize the integration of a broad range of expertise, this program is best-suited to students inclined toward transdisciplinary science, humanities, planning or related fields and who are interested in a career in research or academia.

Students learn how different disciplines view and approach the challenges of sustainability in theory, research and practice. They develop academic and technical skills as well as ethical insights that can help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels.

All program graduates understand the need for a transdisciplinary approach to solving sustainability challenges; are able to communicate their work to professionals in other disciplines and to policymakers and the general public; and have the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems. They have the critical thinking skills necessary for approaching sustainability challenges from a systems perspective, the ability to work effectively in interdisciplinary teams, and the technical skills required to formulate and solve problems at the appropriate scale.

Degree Requirements:
35 credit hours and a thesis, or 35 credit hours including the required capstone course (SOS 596).

Required Core (14 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 525 Social-Ecological-Technical Systems: Domains and Interfaces (3)
SOS 581 Synthesis for Sustainability Research (3)
SOS 589 Community of Graduate Student Scholars (2)

Electives (15 credit hours)
methods (3)
normative dimensions of sustainability (3)
general electives (9)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6) or
SOS 599 Thesis (6)

Additional Curriculum Information
The taught-course element of the program is evaluated through course-specific examinations, research papers or applied projects and is

considered successfully completed if the student obtains a GPA of 3.25 or higher. Graduate College policies and procedures for fulfillment of degree requirements must also be met.

SOS 589 is a one-credit-hour course students take twice, for two credit hours total.

Approved general elective subjects include the following:
SOS, ASB, ART, PAF, SGS, POS, SOC, PSB, PGS, PHI, COM, CPP, CRD, ESS, PGV, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, RTM, STS, TDM, URB

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of intent
  • three letters of recommendation
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available on the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/). Many students in the program also conduct research abroad as part of their culminating experience.

Career Opportunities:
Professionals with expertise in sustainability frameworks, interdisciplinary research and strong research skills are in high demand across industries, including business, academia and government. Skills in critical thinking, teamwork, sustainability problem-solving and research are valuable to businesses and institutions burdened by sustainability problems.

From the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability.

Career examples include:

  • chief sustainability officer
  • conservation program lead
  • disaster relief manager
  • environmental restoration planner

- program director or manager
- research associate
- sustainability communications specialist
- sustainability instructor or teacher
- sustainability specialist
- zero waste consultant

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/graduate-degrees/master-of-arts-in-sustainability/
WCPH 300LT
SustainabilityGrad@asu.edu
480-727-6963

Sustainability, MS (SUSUSTMS)

Online Degree Search Title: Sustainability, MS
Campus: Tempe

Program Description:
The MS program in sustainability is a research-oriented degree program that culminates with research writing, either a thesis or capstone in the form of a publishable scientific paper.

The program focuses on knowledge generation and investigating potential solutions to sustainability challenges and prepares students for designing and conducting transdisciplinary research. This master's degree program is best-suited to students inclined toward natural sciences, economics, engineering or related quantitative fields, and who are interested in a career in research or academia.

Students learn how different disciplines view and approach the challenges of sustainability in theory, research and practice. They develop the academic and technical skills as well as the ethical insights that help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels.

All sustainability graduate students understand the need for a transdisciplinary approach to solving sustainability challenges; can communicate their work to professionals in other disciplines and to policymakers and the general public; and have the breadth of vision to incorporate the interconnectedness of social, economic, environmental and technical systems into their research. They have the critical thinking skills necessary for approaching sustainability challenges from a systems perspective, the skills needed to work effectively in interdisciplinary teams, and the technical skills required to formulate and solve problems at the appropriate scale.

Degree Requirements:
35 credit hours and a thesis, or 35 credit hours including the required capstone course (SOS 596).

Required Core (14 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 525 Social-Ecological-Technical Systems: Domains and Interfaces (3)
SOS 581 Synthesis for Sustainability Research (3)
SOS 589 Community of Graduate Student Scholars (2)

Electives (15 credit hours)
methods (3)
normative dimensions of sustainability (3)
general electives (9)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6) or
SOS 599 Thesis (6)

Additional Curriculum Information
SOS 589 is taken twice for two credit hours total.

The taught-course element of the program is evaluated through course-specific examinations, research papers or applied projects and is considered to have been successfully completed if the student obtains a GPA of 3.25 (scale is 4.00 = "A") or higher. Graduate College policies and procedures for fulfillment of degree requirements also must be met.

Approved general electives prefixes include the following: SOS, ASB, ART, PAF, SGS, POS, SOC, PSB, PGS, PHI, COM, CPP, CRD, ESS, PGV, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, RTM, STS, TDM and URB.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of intent
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program, and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available on the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/). Many students in the program also conduct research abroad as part of their culminating experience.

Career Opportunities:
Professionals with expertise in sustainability frameworks, interdisciplinary research and strong research skills are in high demand across industries, including business, academia and government. Skills in critical thinking, teamwork, sustainability problem solving and research are valuable to businesses and institutions burdened by wicked sustainability problems.

From the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability.

Career examples include:

- chief sustainability officer
- energy analyst
- environmental economist
- industrial ecologist
- natural science manager
- operations consultant
- research associate
- sustainability specialist
- urban or transportation planner

• zero waste consultant

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/graduate-degrees/master-of-science-in-sustainability/
WCPH 300LT
SustainabilityGrad@asu.edu
480-727-6963

Sustainability, PHD (SUSUSTPHD)

Online Degree Search Title: Sustainability, PhD
Campus: Tempe

Program Description:
The PhD program in sustainability prepares students to become scientists and leaders in research and to investigate the urgent sustainability challenges of this century. The flexible, transdisciplinary nature of the program allows students to focus on problems of interest to them, drawing upon relevant knowledge from sustainability science and a variety of disciplines. This full-time program includes a high degree of faculty interaction and collaboration.

Graduates possess an advanced understanding of the dynamics of coupled social-ecological systems and use this knowledge to conduct original research to inform robust solutions to specific sustainability challenges. All sustainability doctoral students gain a better understanding of the need for a transdisciplinary approach to solving sustainability challenges as well as the ability to communicate their research effectively to academic and non-academic audiences alike.

In addition to the common learning outcomes, students are able to conduct research on particular sustainability challenges using theoretical lenses and methods from sustainability science and a range of complementary disciplines. Students learn to translate sustainability challenges to tractable research questions, develop a portfolio of quantitative and qualitative research methods to address these research questions, formulate and test hypotheses, utilize rigorous elicitation methods to gather qualitative and quantitative datasets, learn to engage with stakeholders to co-produce knowledge, use statistical and other analytic techniques to analyze data, and build and apply models of social-ecological systems.

They develop expertise in the analysis of institutional policies and regulations and the design of the built environment and technologies to support sustainable development. They also develop the foundational knowledge of concepts and methods required to conduct interdisciplinary research and effectively communicate their findings across academic disciplines as well as to policymakers and the general public.

Upon graduation they are equipped to lead others in the development of sustainable strategies at the local, national and global levels.

Degree Requirements:
86 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 589 Community of Graduate Student Scholars (2)

Solutions Workshop Electives (6 credit hours)

Open Electives (48 credit hours)

Research (12 credit hours)
SOS 792 Research (12)

Culminating Experience (12 credit hours)
SOS 799 Dissertation (12)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit. Only six credit hours of 400-level coursework can be included in the plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is to be made up of appropriate electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of intent
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program; describe how completion of the degree will support long-term career goals; elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study; and identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Global Opportunities:

Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available on the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/). Many students in the program also conduct research abroad as part of their culminating experience.

Career Opportunities:

Professionals with expertise in sustainability frameworks and interdisciplinary research are in high demand across industries, including business, academia and government. Skills in critical thinking, teamwork, sustainability problem solving and research are valuable to businesses and institutions, many of which are in need of expertise to solve critical sustainability problems and introduce sustainability principles into their business models.

From the School of Sustainability's 2021 alumni employment survey, 95% of doctoral program respondents are employed. Of those respondents employed, 100% have jobs directly related to sustainability. Students can learn more about careers in sustainability and where graduates of sustainability doctoral programs are now employed by visiting the School of Sustainability's alumni employment data website https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/ (https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/).

Career examples include:

- chief sustainability officer
- data analyst
- director of program development
- environmental scientist
- professor
- program manager or coordinator
- research scientist

- sustainability consultant
- sustainability policy advisor
- sustainability specialist
- sustainable operations specialist
- water resources specialist

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/graduate-degrees/doctor-of-philosophy-in-sustainability/
WCPH 300LT
SustainabilityGrad@asu.edu
480-727-6963

Sustainability (Certificate), Certificate (SUSUSGRCT)

Online Degree Search Title: Sustainability (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe, West, Online

Program Description:
The development of sustainable solutions depends on interdisciplinary collaboration. The graduate certificate program in sustainability provides the foundational knowledge required to integrate sustainable thinking into any academic or professional field.

The skills developed in this program, like systems thinking and futures thinking, are essential to addressing sustainability challenges across disciplines. Students in the program learn to communicate and collaborate with faculty and peers from varied backgrounds, preparing them to lead teams in the future.

Courses introduce students to the foundations of sustainability through a disciplinary overview and problem-solving methodology. With electives, students can explore specific areas that are of greatest interest to them. Subjects include policy, international development, clean air and water, sustainable food systems, corporate social responsibility, waste reduction, human rights, climate transformation and clean energy.

This program is designed to be taken independently or as a supplement to another graduate degree program.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (9 credit hours)

Additional Curriculum Information
Students select six credit hours of sustainability-focused electives from EMS, SFS and SOS course prefixes. Other coursework may be used with approval of the sustainability graduate committee. In addition, students take three credit hours of other elective coursework related to sustainability.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-sustainability-certificate/)

Career Opportunities:
This certificate program may be relevant to individuals in a variety of industries.

Graduates of this program can pair the certificate with a range of graduate degrees to enhance their expertise and career prospects related to sustainability. Because many organizations seek to implement greener initiatives, knowledge of sustainability may be valuable across many areas, including business, engineering, government, nonprofit and education sectors. Students can use their skills to bring sustainable initiatives to organizations.

Career examples include the following. Additional advanced degrees or certifications may be required for some.

- chief sustainability officer
- civil engineer
- economist
- energy engineer
- environmental economist
- environmental restoration planner
- industrial ecologist
- project coordinator
- sustainability specialist
- urban planner
- water resource specialist

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/certificates/graduate-certificate-in-sustainability/
WGHL 108
SustainabilityGrad@asu.edu
480-727-6963

Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)

Online Degree Search Title: Sustainability (Complex Adaptive Systems Science), PhD
Campus: Tempe

Program Description:
Complex adaptive systems science is the study of interactive and dynamic systems that change over time. The complex adaptive systems science concentration program under the PhD in sustainability trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with varied, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive systems science perspective for better insight and an active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

By broadly embedding an understanding of complex adaptive system-relevant approaches into the practice of normal science, students gain the ability to transform science. The program promotes the development and testing of more robust theories and sophisticated methods in a wider array of research settings needed in order to develop a deeper understanding of the nature and dynamics of complex adaptive systems, which are grounded in concrete examples and applications.

The program prepares students to become scientists and leaders in research and to investigate the urgent sustainability challenges of this century. Graduates possess an understanding of the need for a transdisciplinary approach to solving sustainability challenges; the ability to communicate their work to professionals in other disciplines, to policymakers and to the general public; and the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems. Their critical thinking skills enable them to approach sustainability challenges from a systems perspective; they also have the skills needed to work effectively in interdisciplinary teams and the technical skills to formulate and solve problems at the appropriate scale.

In addition to the common learning outcomes, graduates are able to conduct research on particular sustainability challenges using standard skills, including the capacity to identify problems; to formulate and test hypotheses; to use statistical, econometric and geographical information system techniques to construct and analyze datasets; and to build and apply models. They are prepared to lead others in the analysis and design of the

built environment and institutions' policies, regulations and technologies to support sustainable development and lead others in applying these concepts and methods to the development of sustainable strategies for water, land, air and urban management at the local and global levels. Graduates understand the concepts and methods of a number of critical disciplines bearing on the sustainability of systems at different spatial and temporal scales.

The doctoral program in sustainability with a concentration in complex adaptive systems science is offered for students who have completed a bachelor's or master's degree program.

Degree Requirements:
86 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 589 Community of Graduate Student Scholars (2)

Solutions Workshop Electives (6 credit hours)

Open Electives (36 credit hours)

Concentration (12 credit hours)
CASS fundamentals (3)
mathematics of CASS (3)
modeling CASS (3)
application of CASS approaches (3)

Research (12 credit hours)
SOS 792 Research (12)

Culminating Experience (12 credit hours)
SOS 799 Dissertation (12)

Additional Curriculum Information
For open electives and concentration coursework, students should see the academic unit for the approved course list. Students should note that only six credit hours of 400-level coursework can be included on the plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the remaining coursework is made up of appropriate electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of intent
  • three letters of recommendation
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program,

describe how completion of the degree will support the applicant's long-term career goals and explain why the applicant is applying to the College of Global Futures and, more specifically, the doctoral program with a complex adaptive systems science concentration. The statement of intent should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available on the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/). Many students in the program also conduct research abroad as part of their culminating experience.

Career Opportunities:
Professionals with expertise in complex adaptive systems science are in high demand across sectors and industries, including business, government and academia. Experts in complexity, who can serve as a bridge between disciplines and scholars, are essential to solving a variety of sustainability challenges.

From the School of Sustainability's 2021 alumni employment survey, 95% of doctoral program respondents are employed. Of those respondents employed, 100% have jobs directly related to sustainability.

Career examples include:

- chief sustainability officer
- energy engineer
- environmental economist
- environmental restoration planner
- environmental sciences professor
- industrial ecology
- natural science manager
- professor
- research scientist
- sustainability specialist
- urban planner

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/graduate-degrees/doctor-of-philosophy-with-a-cass-concentration/
WCPH 300LT
SustainabilityGrad@asu.edu
480-727-6963

Sustainability Leadership, EMSL (SUEMSLEMSL)

Online Degree Search Title: Sustainability Leadership - Executive, EMSL
Campus: Online

Program Description:
A sustainable future requires leaders who are able to integrate sustainability into existing institutions and new enterprises. A particular knowledge base and skill set is required to drive this kind of transformational change. Professionals with tools and skills learned in sustainability leadership, as opposed to other degree programs, are in a prime position to establish sustainability practices in any type of organization.

The EMSL program prepares professionals to advance social, economic and environmental responsibility. Designed to be completed in 12 continuous months, the program is created and delivered by people who have worked in and with companies making sustainability transitions and those who continue to be on the cutting edge of global sustainability leadership.

The curriculum includes coursework in the following synergistic thematic areas:

- communications and change management
- global context of sustainability
- leadership for sustainability
- sustainability and strategy

The program also includes opportunities for students to add elective coursework that is related to their specific area of interest. In addition to the coursework, students also have monthly individual coaching sessions with program faculty to help with career planning and professional development.

Degree Requirements:
30 credit hours including the required capstone courses (EMS 515 and EMS 516).

Required Core (18 credit hours)
EMS 522 Mastering the Global Sustainability Context (3)
EMS 523 Strategic Sustainability and Leadership (3)
EMS 524 Sustainability Storytelling and Communications (3)
EMS 525 Essentials for Transformative Leadership in Sustainability (3)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
EMS 515 Immersive Experience for Sustainability Leadership (3)
EMS 516 Capstone Course for EMSL Students (3)

Additional Curriculum Information
Students are encouraged to attend one in-person session in Washington, D.C. (EMS 515). Students who cannot attend should contact the college for an alternative option.

Elective courses must be at the 500 level or above.

Admission Requirements:
Applicants must fulfill the requirements for both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants to the program should be interested in and passionate about advancing sustainability in their organizations, either directly or indirectly. Successful candidates are expected to draw from and apply solutions to actual professional challenges and opportunities.

Because this is an executive master's degree for experienced professionals, work and life experience may be taken into account in lieu of deficiencies from past bachelor's degree program experience. Applicants with GPAs lower than 3.00 (scale is 4.00 = "A") may be admitted on a provisional status. Applicants should contact the program for more details if their GPA falls below the 3.00 requirement.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/executive-sustainability-leadership/)

Career Opportunities:
Graduates of this program advance their leadership skills with practical, actionable tools and can accelerate sustainability throughout their organizations. An Executive Master of Sustainability Leadership degree enhances career opportunities in a variety of sectors, whether business, technology, science, education or government. From the School of Sustainability's 2021 alumni employment survey, 96% of degree program respondents are either employed or pursuing continuing education. Of those employed, 82% of respondents have jobs directly related to sustainability.

Typical careers include:

- business organization manager
- chief executive officer
- chief sustainability officer
- consultant
- director of strategic initiatives
- sustainability analyst
- sustainability coordinator
- sustainability director
- sustainability manager
- training manager

Contact Information:
Global Futures, College of
School of Sustainability
https://collegeofglobalfutures.asu.edu/
WCPH 300LT
SustainabilityLeadership@asu.edu
480-727-6963

Sustainability Leadership, MSL (SUSUSLMSL)

Online Degree Search Title: Sustainability Leadership, MSL
Campus: Online

Program Description:
A sustainable future requires leaders who are able to integrate sustainability into existing institutions and new enterprises. A particular knowledge base and skill set is required to drive this kind of transformational change. Professionals with tools and skills learned in sustainability leadership, as opposed to other degree programs, are in a prime position to establish sustainability practices in any type of organization.

The MSL program prepares professionals to advance social, economic and environmental responsibility. It equips graduates to drive high-impact sustainability results in organizations and communities. The program is designed and delivered by people who have worked in and with companies making sustainability transitions and continue to be on the cutting edge of global sustainability leadership. Students can complete the program in one to three years.

The curriculum includes four synergistic thematic areas:

- communications and change management
- global context of sustainability
- leadership for sustainability
- sustainability and strategy

The program also includes opportunities for students to include electives that are related to their specific area of interest. Elective courses are offered that focus on the military, cities, climate, food systems and other thematic areas. Students also may choose to go on an approved study abroad trip to fulfill elective credits.

Degree Requirements:
30 credit hours including the required applied project course (EMS 593).

Required Core (21 credit hours)
EMS 522 Mastering the Global Sustainability Context (3)

EMS 523 Strategic Sustainability and Leadership (3)
EMS 524 Sustainability Storytelling and Communications (3)
EMS 525 Essentials for Transformative Leadership in Sustainability (3)
EMS 589 MSL Capstone Project Preparation (3)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
EMS 593 Applied Project (3)

Additional Curriculum Information
Elective courses must be at the 500 level or above.

Admission Requirements:
Applicants must fulfill the requirements for both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. They should also have a minimum of three years of professional or organizational experience or the equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants who have a GPA less than 3.00 may submit a statement describing contributing circumstances and reference personal experience to be considered for admission.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • statement of intent
 • resume or curriculum vitae
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-sustainability-leadership-sustainability-leadership/)

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a sustainability study abroad program. More information is available on the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/).

Career Opportunities:
Graduates of this program advance their organizational leadership skills in a variety of sectors whether in business, technology, science, education or government. According to the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability.

Typical career paths include:

 • business organization manager
 • chief executive officer
 • chief sustainability officer

- consultant
- director of strategic initiatives
- sustainability analyst
- sustainability coordinator
- sustainability director
- sustainability manager
- training manager

Contact Information:
Global Futures, College of
School of Sustainability
https://collegeofglobalfutures.asu.edu/
WCPH 300LT
SustainabilityLeadership@asu.edu
480-727-6963

Sustainability Solutions, MSUS (SUSUSOMSUS)

Online Degree Search Title: Sustainability Solutions, MSUS
Campus: Tempe, ASU@Los Angeles

Program Description:
The MSUS program prepares students to apply sustainability principles and approaches to careers in a variety of fields, addressing complex human and environmental challenges. The focus is on developing solutions by working with stakeholders on these challenges using a sustainability framework.

A distinguishing element of the program is its applied approach and emphasis on learning how to develop solutions. Students begin the program with a foundation in sustainability theory and methods, then take electives in an area of interest.

Final courses include learning how to manage sustainability projects as well as the capstone experience, where students team up with a company, a government agency or a nongovernmental organization to develop a real-world sustainability solution. Carried out collaboratively in lieu of a thesis, the capstone provides practical experience positioning graduates for today's competitive, knowledge- and skill-intensive job market.

In order to promote access, students may submit a GPA petition if they don't meet the 3.00 GPA requirement for admission. More information can be found on the School of Sustainability graduate admission website at https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/ (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/).

Los Angeles location: Currently, programs of study are offered in a hybrid learning model. Select courses are offered through in-person instruction in the Herald Examiner building. The majority of courses are offered virtually from Arizona through a combination of synchronous and asynchronous learning technologies. Students should consult their advisor and schedule of classes for additional information.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:

> Legal Studies, MLS
> Master of Mass Communication, MMC
> Public Administration, MPA
> Public Policy, MPP
> Urban and Environmental Planning, MUEP

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Sustainability, BA
> Sustainability, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the applied project requirement of (SOS 593).

Required Core (6 credit hours)
SOS 508 Pathways to Sustainability (3) or SOS 510 Perspectives on Sustainability (3), and
SOS 509 Leading Sustainability Transitions or SOS 511 Advanced Sustainability Problem Solving (3)

Other Requirements (15 credit hours)
SOS 582 Project Management for Sustainability (3)
competency mastery courses (6)
methods courses (6)

Focus Area Electives (6 credit hours)

Culminating Experience (3 credit hours)
SOS 593 Applied Project (3)

Additional Curriculum Information
MSUS students specialize in a focus area and take six credit hours of elective coursework related to that area, with approval by their academic advisor.

For a list of approved courses that may fulfill the methods and competency mastery requirements, students should see the academic unit. No more than six credit hours of 400-level coursework can be included in the plan of study.

The Graduate College policies and procedures for fulfillment of degree requirements must also be met.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of intent
  • three letters of recommendation
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

The statement of intent should not exceed 600 words and should explain the goals the applicant intends to achieve through the plan of study, describe how the applicant's background will contribute to success in the program, explain how completion of the degree will support long-term career goals, and elaborate on project ideas the applicant wishes to pursue as part of the program of study.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available on the school's website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/).

Career Opportunities:

Professionals who understand how to solve difficult problems and know how to work with and draw from different disciplines are in high demand across sectors and industries. Graduates of the Master of Sustainability Solutions program have a knowledge base and skillset to bring sustainability solutions to sectors including business, education, nonprofit, governmental and nongovernmental organizations. Graduates bring competencies in collaboratively creating sustainability solutions, drawing on their ability to employ systems-thinking, develop future scenarios and sustainability visions, skillfully negotiate and reconcile diverse values, and devise strategies for action.

From the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability. Students can learn more about careers in sustainability and where Master of Sustainability Solutions graduates are now employed, by visiting the School of Sustainability alumni employment data website: https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/ (https://schoolofsustainability.asu.edu/careers/career-advising/alumni-employment-data/).

Career examples Include:

- chief sustainability officer
- environmental specialist
- industrial ecologist
- sustainability analyst
- sustainability consultant
- sustainability specialist
- urban planner

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/graduate-degrees/master-of-sustainability-solutions/
WCPH 300LT
SustainabilityGrad@asu.edu
480-727-6963

Sustainable Energy, PHD (SUSUEPHD)

Online Degree Search Title: Sustainable Energy, PhD
Campus: Tempe

Program Description:

Society is in the midst of a transition toward sustainable energy. Because the global energy system is a complex, socio-technical system, the transition toward sustainable energy requires the next generation of leaders to possess a transdisciplinary perspective comprising both technical and societal dimensions of energy.

The PhD program in sustainable energy integrates these perspectives in preparing students to address the challenges in energy transitions. Students enter the program from diverse backgrounds in engineering, planning, business, policy, and natural and social sciences. The core classes provide them with an interdisciplinary expertise and skills related to current and emerging energy technologies and systems, economic analysis of energy systems, and social and policy dynamics of energy transitions. Elective classes allow students to develop more specialized methodological skills, technical expertise and topical knowledge.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (17 credit hours)
SOS 571 Sustainable Energy Technologies and Systems (3)
SOS 572 Sustainable Energy Transitions (3)
SOS 573 Sustainable Energy Policy (3)
SOS 574 Data Analytics for Sustainable Energy (3)
SOS 575 Sustainable Energy Research Seminar (4)
SOS 589 Community of Graduate Student Scholars (1)

Electives or Research (12 credit hours)

Other Requirement (13 credit hours)

SOS 792 Research (13)

Culminating Experience (12 credit hours)
SOS 799 Dissertation (12)

Additional Curriculum Information
Students take SOS 575 in four different semester terms for 1 credit hour each term.

Electives can be chosen from applicable courses in the following areas based on the student's area of interest and approval from the committee: engineering of matter, transport and energy; sustainable engineering and the built environment; geographical sciences and urban planning; molecular sciences; life sciences; future of innovation in society; physics; and sustainability.

Other electives may be used with approval from the academic unit. Student electives are customizable based on the student's area of research.

Doctoral students are expected to include higher level courses (600 and 700 levels) as part of the elective and research coursework.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- statement of intent
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The school encourages applicants with diverse educational backgrounds and experiences. Sample related fields include engineering, geography, urban planning, environmental science, physics, chemistry or planning for future innovations and societal changes.

All applicants must upload a statement of intent as part of the application process. In no more than 600 words, applicants must explain the goals they intend to achieve through their program of study at the College of Global Futures. Applicants should describe how their background will contribute to their success in the program and how completion of their degree will support their long-term career goals. Finally, applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their program of study and identify potential faculty advisors.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available on the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/). Many students in the program also conduct research abroad as part of their culminating experience.

Career Opportunities:

From the School of Sustainability's 2021 alumni employment survey, 95% of doctoral program respondents are employed. Of those respondents employed, 100% have jobs directly related to sustainability.

Professionals with expertise in sustainable energy are in high demand across industries that including academia, business, planning and government. Skills in cross-disciplinary research, socio-technical innovation, sustainable energy solutions and policymaking are valuable to businesses and institutions relying on data-driven strategies to solve urgent sustainability problems and shape global futures.

Career examples include:

- assistant or associate professor
- chief sustainability officer
- director of policy advocacy
- energy analyst
- project manager
- renewable energy project manager
- researcher
- science and technology policy advisor
- senior policy analyst
- sustainability consultant
- sustainability specialist
- urban and regional planner

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/graduate-degrees/doctor-of-philosophy-in-sustainable-energy/
WCPH 300LT
SustainabilityGrad@asu.edu
480-727-6963

Sustainable Food Systems, MS (SUSUSFSMS)

Online Degree Search Title: Sustainable Food Systems, MS
Campus: Online

Program Description:
The MS in sustainable food systems is a research-oriented degree program in which students develop an understanding of present-day health, agriculture and environmental policy; develop strategies to lead policy discussions; interact with a network of food and agriculture policy leaders and mentors; and apply their knowledge and skills to address problems related to food and food systems.

This program also allows students to spend a week meeting with food producers in Arizona and a week meeting with policymakers in Washington, D.C. Students participate in research projects and professional presentations that contribute to food policy knowledge among sustainable food system advocates.

Graduates of the program are able to employ solutions-based thinking and a dynamic systems framework to create the inclusive, diverse and resilient food systems of the future.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Sustainable Food Systems, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (SFS 596).

Required Core (21 credit hours)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)
SFS 560 Tools and Tactics for Food Policy Change (3)

SFS 561 Food and Farm Immersion Experience (2)
SFS 562 Managing Natural Resources for Food Production (3)
SFS 563 Applied Food Policy Immersion Experience (2)
SFS 564 American Agriculture in the Global Context (2)
SFS 565 Organizational Leadership (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
SFS 596 Capstone (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of intent
  • two letters of recommendation
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and applicants must explain the goals they intend to achieve through their plan of study at the College of Global Futures, specifically in the field of sustainable food systems. Applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their plan of study. Finally, applicants should describe how their background will contribute to their success in the program.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-sustainable-food-systems/)

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Students may also participate in a School of Sustainability study abroad program. More information is available of the School of Sustainability study abroad website: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/). Many students in the program also conduct research abroad as part of their culminating experience.

Career Opportunities:
From the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability.

Graduates can use their training in sustainable food systems to advance their career in the food and agriculture sector. Career opportunities include:

- chief sustainability officer
- director of regulatory affairs
- food policy manager
- policy director
- senior advisor for sustainable food systems

Contact Information:
Global Futures, College of
School of Sustainability
https://collegeofglobalfutures.asu.edu/
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FoodSystemsGrad@asu.edu
480-727-6963

Global Management, Thunderbird School of

Applied Leadership and Management, MALM (TBALMMALM)

Online Degree Search Title: Applied Leadership and Management, MALM
Campus: Online

Program Description:
Professionals expand their management and leadership repertoire while sharpening their business skills in Thunderbird School of Global Management's MALM program, earning a unique graduate degree with classes taught online by Thunderbird's world-class professors. The program provides mastery of modern practices for managers and executives in transnational organizations from a global perspective, delivering the highest quality graduate education in a flexible online format.

This is an in-depth, professional degree program that features applicable training in the nuances of managing a global business, government agency or nonprofit organization.

The Master of Applied Leadership and Management program combines cutting-edge management coursework with a truly global curriculum, cross-cultural communication and negotiation training, personal development and leadership components to prepare graduates to thrive as decision-makers in enterprises that operate across borders.

Designed to empower graduates with well-rounded, future-ready skill sets, this transformational master's degree provides a strategically choreographed progression through every facet of international management, with courses spanning the gamut of Thunderbird's online offerings, from accounting and data-driven decision making to global finance and marketing. Students also receive hands-on, experiential learning opportunities in practical, real-world situations through elective courses that allow them to apply the full range of professional skills acquired during their studies.

The Master of Applied Leadership and Management allows students to work at their own pace to earn their degree in as few as 12 months. The program is designed specifically for students from around the world and allows them to join the globally connected Thunderbird alumni network that opens doors and opportunities all over the planet. More information is available on the Thunderbird alumni website. https://thunderbird.asu.edu/alumni?action (https://thunderbird.asu.edu/alumni?action)

Specializations
Thunderbird's Master of Applied Leadership and Management degree offers optional specializations, one delivered in English and three delivered in Mandarin. Please see the Thunderbird website for details.

The global and public affairs specialization is delivered in English, and more information is available on the program website. https://thunderbird.asu.edu/degrees/online/master-applied-leadership-management (https://thunderbird.asu.edu/degrees/online/master-applied-leadership-management)

The data analytics, financial management and global business specializations are delivered in Mandarin. More information on these specialization areas are available on the ASU Online website. https://www.asuonline.cn/malm/ (https://www.asuonline.cn/malm/)

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

> Global Management, BGM
> International Trade, BS
> Technological Entrepreneurship and Management, BS
> Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (TAM 542).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or TGM 506 Communicating and Negotiating Across Cultures (3)

Electives (24 credit hours)

Culminating Experience (3 credit hour)
TAM 542 Global Leadership and Personal Development (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- professional resume or CV
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The English proficiency requirements are the same as the Graduate College requirements.

Two years of work experience is preferred but not required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-applied-leadership-management/)

Global Opportunities:
Global Experience:
Students in the Master of Applied Leadership and Management program have the unique opportunity to apply their learning in an international setting. Some options include:

Global Field Seminars --- During this course students will experience an intensive one-week immersion in-country. Students enjoy a hands-on learning experience in a focused region of the world, comprised of company site visits, high-level meetings and presentations with business, government and cultural leaders as well as Thunderbird alumni. Through these interactions, students learn the challenges and opportunities that make doing business in the region unique.

Thunderbird Global Challenge Laboratories --- This is a client-facing, project-based course that involves a one-week immersion in-country. Projects are tailored to the business needs of the client and provide sophisticated data and market analysis; strategy recommendations; and practical, effective plans for sustained growth. For more information, students should visit the Thunderbird Global Challenge Lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

The program fee for one Global Field Seminar or Global Challenge Lab experience is included in the tuition and fees for the Master of Applied Leadership and Management degree. Airfare and incidental expenses are extra.

Career Opportunities:
More than ever, today's global organizations need versatile leaders and managers with creative problem-solving skills who can elevate diverse teams across cultures in multiple markets around the world. The Master of Applied Leadership and Management prepares graduates to lead in all sectors: government, private enterprise, NGOs and nonprofits.

Career examples include:

- compensation and benefits managers
- financial analysts
- human resources managers
- logistics analysts
- logistics managers
- management analysts
- marketing managers
- sales managers
- supply chain managers

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/online/master-applied-leadership-management
TGHB 209
MALMadvising@thunderbird.asu.edu
602-496-7100

Global Affairs (Certificate), Certificate (TBGAFGRCT)
Online Degree Search Title: Global Affairs (Graduate Certificate)
Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program Description:
The graduate certificate program in global affairs is designed to provide an in-depth study of the global political economy, global theory, global institutional environment, decision-making and global strategy.

The global affairs certificate provides a foundation for students to become globally-minded policymakers serving in national, regional or local government agencies; international or nongovernmental organizations; or multinational corporations. The school's innovative and practical curriculum (a strong core of global business management skills, international political economy and cross-cultural training) is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
15 credit hours including the required capstone course (TGM 598).

Required Core (12 credit hours)
SGS 501 Global Theory (3)
SGS 502 Global Institutions and Actors (3)
SGS 503 Methods: Global Decision Making Under Uncertainty (3)
POS 591 Seminar (3)

Culminating Experience (3 credit hours)
TGM 598 Special Topics (Capstone Course)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
Graduates who have combined the certificate in global affairs with their major program of study may become more marketable to employers. They often decide to pursue employment in government, nonprofit and social impact areas.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
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602-496-7100

Global Affairs and Management, MA (TBGAMMA)
Online Degree Search Title: Global Affairs and Management, MA
Campus: Downtown Phoenix, ASU@Los Angeles, ASU@Washington, D.C.

Program Description:
The MA in global affairs and management is a transdisciplinary degree program that covers all aspects of global affairs and management, including global relations, political economy and cross-cultural communications, while supplementing this valuable international affairs curriculum with core courses in accounting, finance, management and marketing.

The program prepares students with the tools and insight needed to address complex issues in diplomacy, business and society and to bring an increased focus on social responsibility to corporate employers.

Los Angeles location: The specialization in global creative industries is for creatives seeking the skills of management and managers seeking the craft of creativity. It is designed for individuals pursuing global leadership and management careers in film, television or new media; music; AR, VR or XR; gaming; design; dance; fashion; theatre; or the arts, as well as for careers in themed and location-based entertainment and sports. Interested students should apply to this specialization separately.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
30 credit hours including the required capstone course (TGM 545).

Required Core (3 credit hours)
TGM 575 Global Affairs (3)

Other Requirements (18 credit hours)

TGM 501 Global Accounting (3)

TGM 502 Financial Management for Global Value Creation (3)

TGM 503 Global Marketing (3)

TGM 504 Managing Organizations from a Global Perspective (3)

TGM 505 States and Markets in a Global Economy (3)

TGM 508 Regional Business Environment I: Emerging Markets (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

TGM 545 Global Leadership and Strategy (3)

Additional Curriculum Information

Other requirements courses may be substituted with approval of the academic unit.

For elective coursework, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE may be required
- one letter of recommendation
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are exempt from taking the GMAT or GRE if they have five or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:

Global Experience:

Students can choose to travel abroad by adding one of Thunderbird's immersive week-long global challenge labs or field seminars.

Global Field Seminar

This one-week, for-credit seminar offers a hands-on learning experience in a focused region of the world, comprised of site visits, high-level meetings and presentations with business, government and cultural leaders to learn what makes doing business in the region unique.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a one-week immersion assignment in destinations all over the world. Projects are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird global challenge labs website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Career examples include:
- arts directors
- business continuity planners
- diplomats
- foreign service officer
- intelligence analysts

- political scientists
- regulatory affairs specialists
- social and community service managers

Contact Information:
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Global Affairs and Management (Executive), MA (TBGAMEMA)

Online Degree Search Title: Global Affairs and Management - Executive, MA
Campus: ASU@Washington, D.C.

Program Description:
At the Intersection of Global Business and Global Policy
Today's world needs future-ready global leaders and managers more than ever. Accelerating global complexity and dynamism in this Fourth Industrial Revolution is reshaping how people create value, work, live. Thunderbird's one-year MA program in global affairs and management with an executive focus provides a digital global mindset and a unique combination of 21st-century hard and soft skills for leading systems and new enterprises, managing complexity, disruptive innovation, digital transformation, collaborative problem-solving and creating sustainable global futures across geographies, cultures and sectors. Based in Washington, DC, the program is tailored for mid-career professionals in all sectors, offering specializations in global business or global public policy. The schedule --- most classes meet every other Friday and Saturday --- allows participants to remain working while earning their degree. Students can choose to travel abroad by adding one of Thunderbird's immersive week-long global challenge labs or field seminars.

Earning this leading-edge executive master's degree prepares graduates for executive leadership positions within their existing organizations or to make a bold move in their careers by switching industries entirely. The program allows students to earn a master's degree from a top global leadership and management school in as little as one year, so that they can immediately put their newly acquired skills to work and leverage Thunderbird' global alumni network to advance their career goals.

Global Leadership for the Fourth Industrial Revolution
Thunderbird's executive Master of Arts program in global affairs and management in Washington, DC includes an intensive focus on how to manage the systemic hazards facing the business and policy worlds. Policymakers and business leaders alike learned from the financial crisis of 2008 that we need to understand the risks emerging from interactions in interdependent financial institutions, rather than merely looking at each institution on its own. From the coronavirus pandemic to global social unrest to the ever more evident impacts of climate upheaval, such systemic fragilities are becoming ever more apparent. To build more robust organizations and resilient societies, new mindsets and new tools are needed.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
30 credit hours including the required capstone course (TGM 545).

Required Core (3 credit hours)
TGM 575 Global Affairs (3)

Electives (9 credit hours)

Other Requirement (15 credit hours)
TGM 505 States and Markets in a Global Economy (3)
TGM 518 International Finance and Trade (3)
TGM 549 Global Leadership (3)
TGM 577 International Organizations (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)

Culminating Experience (3 credit hours)
TGM 545 Global Leadership and Strategy (3)

Additional Curriculum Information

Students focus their elective courses in a specific area approved by the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Coursework on complex systems provides a framework for insights into how many social, economic and ecological systems actually work, and --- despite the inherent uncertainties in such systems --- how to manage them, using a much larger toolkit than the standard tools of policy and business analysis.

A key element of managing complexity and uncertainty is the engagement of a wide range of stakeholders in decision-making. Multiple required courses and elective courses cover techniques for facilitating productive multi-stakeholder engagement in the context of complex global systems. For example, in the core course on the craft of global networks in global affairs, students learn how and why to build resilient collaborations across borders and sectors in issues from health to human rights, war to economic renewal, the environment to terrorism.

The program culminates in the global leadership and strategy capstone course, which enables students to apply the new form of leadership needed to manage complex systems through a deep dive into addressing a specific real-world problem. The course thus pulls together the full set of capabilities required to excel at the top of a global organization.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • one letter of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Global Opportunities:
Global Experience:
Students can choose to travel abroad by adding one of Thunderbird's immersive week-long global challenge labs or field seminars.

Global Field Seminar
During this course students will experience an intensive one-week immersion in-country. Students enjoy a hands-on learning experience in a focused region of the world, comprised of company site visits, high-level meetings and presentations with business, government and cultural leaders as well as Thunderbird alumni. Through these interactions, students learn the challenges and opportunities that make doing business in the region unique.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a one-week immersion assignment in destinations all over the world. Projects are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird global challenge labs website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

 • adjunct professor
 • chief executives
 • chief sustainability officers
 • general and operations managers
 • human resources managers
 • lawyer and officer at the Joint Chief of Staff
 • leaders of international organizations
 • leaders in federal and state governments

- managing partners at consulting firms
- senior diplomat

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602-496-7100

Global Development (Certificate), Certificate (TBGDVGRCT)

Online Degree Search Title: Global Development (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
Thunderbird's graduate certificate program in global development provides an in-depth study of the global political economy as well as social entrepreneurship, community and social engagement, international nongovernmental organizations and global strategy, giving students the skills they need to make a difference in a global society.

Content in each course is developed by top-ranked Thunderbird faculty and provides students with world-class professional development in a variety of subject areas. The school's innovative and practical curriculum, with a strong core of global business management skills, international political economy and cross-cultural training, is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
TGM 510 Strategies in Global Development (3)
TGM 585 Corporate Social Responsibility in a Global Context (3)

Electives (9 credit hours)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Career Opportunities:
Graduates who have combined the certificate in global development with their major program of study may become more marketable to employers.

They often decide to pursue employment in nonprofit and social impact areas.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
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602-496-7100

Global Finance (Certificate), Certificate (TBGFINGRCT)

Online Degree Search Title: Global Finance (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The graduate certificate program in global finance provides specialized content knowledge in financial management, investments, private equity and portfolio management for business, governmental and nongovernmental entities that operate on a global scale. Knowledge of global and regional economic and political landscapes, multinational tax management and country risk analysis are key in financial decision-making.

The courses in this program position students in multinational entities where the accounting emphasis is on international financial reporting standards rather than the United States' generally accepted accounting principles and financial value creation is contingent on efficient management of cross-border transfer pricing, tax planning, currency hedging and interest rate risks. The courses help students explore the business and management differences in countries with varying corporate governance, joint venture structures and financial measures of country business performance. Courses emphasize an experiential approach to learning, using case studies featuring companies across the globe with different cultures and complex legal environments.

The school's innovative and practical curriculum, with a strong core of global business management skills, international political economy and cross-cultural training, is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
TGM 518 International Finance and Trade (3)
TGM 519 Derivatives and Risk Management: Strategies and Applications (3)

Electives (9 credit hours)

Additional Curriculum Information
Students choose three elective courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Applicants must have taken TGM 521 Managing for Global Value Creation and TGM 522 Global Financial Decisions, or TGM 502 Financial Management for Global Value Creation, or a three credit hour 500-level graduate course with a minimum grade of "B" (scale is 4.00 = "A") or its equivalent. Coursework must be from a regionally accredited institution, from an institution accredited by a business accreditation organization such as the Association to Advance Collegiate Schools of Business, European Quality Improvement System or Association of MBAs, or from other institutions with approval of the academic unit.

Career Opportunities:
Graduates who have combined the certificate in global finance with their major program of study may become more marketable to employers. They often decide to pursue employment in corporate finance, internal audit or investment banking areas.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
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Global Leadership and Strategy, MGLS (TBGLSMGLS)

Online Degree Search Title: Global Leadership and Strategy, MGLS
Campus: Downtown Phoenix

ASU is not currently accepting applications for this program. Students interested in global leadership and strategy should apply to the executive global leadership and strategy program (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TBGLSXMGLS/graduate/false).

Program Description:
The MGLS is a global cohort executive leadership and strategy program that centers on development of students' advanced capabilities to conceptualize and deliver profitable growth along with the competencies to lead strategy execution efforts in a complex and dynamic global environment. This innovative program closely patterns executive decision realities by orienting around key themes that naturally flow, from the macro to the micro, global to local, public to private, interweaving relevant disciplines to address the pressing issues executives face. It is transdisciplinary in both approach and execution.

The Master of Global Leadership and Strategy program combines thematically anchored content with field-deployed experiential learning projects (alternating between developed and emerging markets) that allow participants to interact first-hand with leaders who shape policy and industry and to demonstrate executive acumen through action and response simulation, sprint consultancy engagement, and innovation challenge delivery. The result is a deeply innovative, action-oriented, global executive education experience.

Degree Requirements:
30 credit hours including the required capstone course (TGM 606).

Required Core (5 credit hours)
TGM 601 Megatrends: Understanding Future Drivers and their Influencers (5)

Other Requirement (20 credit hours)
TGM 602 Sustainable Futures: Building, Tapping and Creating Shared Value in a Changing World (5)
TGM 603 Shaping Markets: Market Entry and Winning Strategies (5)
TGM 604 Capturing Dividends: Finding, Fostering and Exploiting New Insights (5)
TGM 605 Deliver Results I: Resourcing and Influencing to Maximize Impact (5)

Culminating Experience (5 credit hours)
TGM 606 Delivering Results II: Peak Dynamism Execution and Comprehensive Debrief (5)

Additional Curriculum Information

Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- professional resume
- letter of intent or written statement
- admission interview(s)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should be of high potential, i.e., selected by their organization as on a trajectory to senior executive positions. They must have eight years of leadership or executive experience.

Contact Information:
Global Management, Thunderbird School of
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https://thunderbird.asu.edu/degrees/graduate/executive-master-global-leadership-strategy
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Global Leadership and Strategy, MGLS (TBGLSXMGLS)
Online Degree Search Title: Global Leadership and Strategy - Executive, MGLS
Campus: Downtown Phoenix

Program Description:
Thunderbird School of Global Management's MGLS program with an executive focus delivers an immersive training experience for executives that takes the student inside the boardrooms of businesses and governments around the world, providing actionable insights into the strategy and leadership nuances at play in today's complex and dynamic global economy.

Through an integrated curriculum that follows a thematic pattern mirroring executive decision-making realities, students engage in online courses and onsite experiential learning opportunities that develop their global mindset and bring them face-to-face with leaders of transnational enterprises who shape policy and industry.

The program consists of six rigorous courses of five credits each, deep dives led by eminent professors and practitioners into topics such as global business megatrends, building sustainable enterprises, and tapping into emerging markets. The six onsite modules are delivered in key global locations, taking students on a transformative journey that includes in-person learning experiences in Los Angeles, Geneva, Nairobi, Mumbai, Shanghai and São Paulo. These travel-training adventures feature powerful professional development experiences such as attending exclusive business and government roundtables or taking part in targeted site visits that offer inside access to regional business. All in-person instruction follows a schedule designed for working professionals and is supplemented by sophisticated online coursework.

The Master of Global Leadership and Strategy program breaks free of the traditional, lock-step curriculum of other graduate business programs, immersing the student in hands-on, culturally complex leadership situations that build their analysis and decision-making capabilities, enhance their executive presence and accelerate their career advancement.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

30 credit hours including the required capstone course (TGM 606).

Required Core (5 credit hours)
TGM 601 Megatrends: Understanding Future Drivers and Their Influences (5)

Other Requirements (20 credit hours)
TGM 602 Sustainable Futures: Building, Tapping and Creating Shared Value in a Changing World (5)
TGM 603 Shaping Markets: Market Entry and Winning Strategies (5)
TGM 604 Capturing Dividends: Finding, Fostering and Exploiting New Insights (5)
TGM 605 Delivering Results I: Resourcing and Influencing to Maximize Impact (5)

Culminating Experience (5 credit hours)
TGM 606 Delivering Results II: Peak Dynamism Execution and Comprehensive Debrief (5)

Additional Curriculum Information
Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • one letter of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Global Opportunities:
Global Experience:
Students obtain global experience with six onsite modules in dynamic global locations.

Career Opportunities:
Graduates are equipped with the executive skills and hands-on experience that organizations around the world demand in order to seize the immense opportunities offered in this era of technological transformation and economic complexity, including leading global enterprises at the intersections of business, society, science and technology.

Career examples include:

 • chief executives
 • chief sustainability officers
 • consultants
 • entrepreneurs
 • general and operations managers

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/executive-master-global-leadership-strategy
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Global Management, MGM (TBTGMMGM)

Online Degree Search Title: Global Management, MGM
Campus: Downtown Phoenix, Online

Program Description:
Thunderbird School of Global Management's specialized MGM program delivers cross-cultural, hands-on training in the nuances of international management, preparing students with the perfect balance of practical and people skills to inspire, influence and drive global success. Students globalize their mindset and marketability by pairing their deep-dive leadership training with an innovative concentration area, foreign language options, practical training through the Global Challenge Laboratories, consultative collaborations with corporate partners, internships, real-world simulations and study abroad modules.

The master's degree program starts in August or January with a 16- or 21-month track.

The Accelerated 4+1 Master of Global Management program allows students to earn both a bachelor's and master's degree in as few as five years: https://thunderbird.asu.edu/degrees/graduate-degree/4-plus-1-master-global-management (https://thunderbird.asu.edu/degrees/graduate-degree/4-plus-1-master-global-management). With the help of their undergraduate academic advisor, this cost-effective option allows students to take 12 credit hours of their core master's degree classes during their senior year based on their major map.

This program features three concentration options for STEM specializations that meet special F-1 international student visa status requirements: global business, global digital transformation and data science.

Global management, evolved
Upon its founding in 1946, Thunderbird became the world's first graduate school focused exclusively on global business and leadership. Blending international trade, public policy, and international affairs, Thunderbird now specializes in the expert development of leaders and managers across sectors, enhancing performance in public and private organizations globally. Students in the Master of Global Management program can choose from one of the 16 concentration areas below or design their own concentration:

Thunderbird concentrations:

- global affairs
- global business
- global digital transformation
- global entrepreneurship

Concentrations offered in partnership with other ASU schools and colleges:

- creative industries and design thinking
- data science
- development and innovation
- digital audience strategy
- health care delivery
- integrated health care
- legal studies
- nonprofit leadership and management
- public administration
- public policy
- sustainability solutions
- sustainable tourism

Students complete rigorous core courses in global management, international political economy and cross-cultural engagement, with electives spanning the gamut of the university's offerings. The result is a flexible, multidisciplinary curriculum featuring a rich variety of coursework in international business and management, social sciences and humanities.

Learn by doing
A Thunderbird education features experiential learning for exponential impact. Applied learning courses give students diverse opportunities to work face-to-face with clients or participate in real-life simulations as part of their program. Through these hands-on courses, students have a variety of options to develop and refine their hard skills. By choosing from a wide spectrum of applied learning offerings that are at once practical and cutting-edge, graduates holding a Master of Global Management enter the workforce prepared to thrive immediately. These real-world experiences are built into the curriculum, ensuring 100% participation from Thunderbird students.

Moving from theory to real-world practice, students get invaluable experience by taking on projects for major corporations and other global organizations, including nonprofits and government agencies. In the Global Challenge Labs, students work on consulting projects in emerging markets while developing leadership, cultural sensitivity and international business acumen.

In the Global Organizational Consulting program, students gain distinctive experience in consulting frameworks through client projects. Internships allow students to work for multinational businesses in a wide variety of industries in full-time positions for at least eight weeks on graduate-level projects or over the summer. Thunderbird's simulations present real-world scenarios in the areas of global marketing, global finance and global strategy, allowing students to test solutions in a sandbox setting. They can also travel to specific regions to study local business practices, master intercultural management skills and develop international relationships that can last a lifetime.

Thunderbird School of Global Management has produced uniquely agile and resilient leaders for more than 70 years, leaders in every sector who are capable of tackling the world's greatest challenges.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Computing, BS
Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Asian Languages (Chinese), BA
Asian Languages (Japanese), BA
Biochemistry, BA
Biochemistry, BS
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Biomedical Sciences), BS
Biological Sciences (Conservation Biology and Ecology), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Biotechnology and Bioenterprise, BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Communication, BA
Communication, BS
Economics, BS
Economics, BS
Economics (Politics and the Economy), BS
Engineering (Automotive Systems), BSE
Engineering (Electrical Systems), BSE
Engineering (Mechanical Engineering Systems), BSE
Engineering (Robotics), BSE
Engineering Management, BSE
English, BA
Finance, BS
French, BA
General Studies, BA
German, BA
Global Health, BA
Global Management, BGM

Health Care Administration and Policy, BS

Health Sciences, BS

History, BA

Industrial Design, BSD

Industrial Engineering, BSE

Informatics, BS

Interdisciplinary Arts and Sciences, BA

International Letters and Cultures (Arabic Studies), BA

International Letters and Cultures (Classical Civilization), BA

International Letters and Cultures (Classics), BA

International Trade, BS

Italian, BA

Jewish Studies, BA

Latin American Studies, BA

Liberal Studies, BA

Management, BS

Marketing, BS

Marketing (Digital and Integrated Marketing Communications), BS

Marketing (Professional Sales), BS

Microbiology, BS

Microbiology (Medical Microbiology), BS

Molecular Biosciences and Biotechnology, BS

Philosophy, BA

Philosophy (Morality, Politics and Law), BA

Philosophy, Religion and Society, BA

Political Science, BA

Political Science, BS

Psychology, BA

Psychology, BA

Psychology, BS

Psychology, BS

Psychology (Forensic Psychology), BS

Psychology (Forensic Psychology), BA

Public Service and Public Policy (American Indian Studies), BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Criminology), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy (Law and Policy), BS

Public Service and Public Policy (Nonprofit Leadership and Management), BS

Public Service and Public Policy (Parks and Recreation Management), BS

Public Service and Public Policy (Science and Technology Policy), BS

Public Service and Public Policy (Sustainability), BS

Religious Studies (Religion, Culture and Public Life), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Russian, BA

Social Justice and Human Rights, BA

Social and Behavioral Sciences, BA

Social and Behavioral Sciences, BS

Sociology, BA

Sociology, BS

Spanish, BA

Supply Chain Management, BS

Sustainability, BS

Sustainability, BA

Technological Entrepreneurship and Management, BS

Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

49 credit hours including a foreign language exam and the required capstone course (TGM 597).

Required Core (3 credit hours)

TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Other Requirements (21 credit hours)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Electives (24 credit hours)

Culminating Experience (1 credit hours)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Proficiency in a second language is required for graduation from the MGM degree. Students whose native language is not English who meet the admission requirements for this program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework.

For electives coursework, students should see the academic unit for approved courses.

For other requirements coursework, other courses may be used with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- GMAT or GRE may be required
- one professional or academic reference
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-applied-leadership-management/)

Global Opportunities:

Global Experience:

Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a five-week immersion assignment in a key emerging market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Thunderbird prepares graduates to enter this complex and exciting global economy with specialized, hands-on training in international business, cross-cultural relations, global political economy and regional business environments. With their global mindset, core professional skills, mastery of 21st century management principles and practices, and multicultural outlook, Thunderbird graduates are prepared for leadership roles in organizations with a global scope.

Career examples include:

- financial managers
- general and operations managers
- intelligence analysts
- logistics managers
- marketing managers
- market research analysts and marketing specialists
- management analysts
- social and community services managers
- sustainability specialists
- supply chain managers

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management, MGM (TBTGMXMGM)

Online Degree Search Title: Global Management (Executive), MGM
Campus: Downtown Phoenix, ASU@Los Angeles

Program Description:

Global management, evolved

Thunderbird School of Global Management's MGM program with an executive focus is designed for experienced professionals interested in broadening their global outlook and their worldwide network. The program combines cutting-edge management coursework, cross-cultural insight and regional studies to prepare graduates to lead transnational businesses, nonprofit organizations or government agencies. With the busy schedules of working professionals in mind, this specialized master's degree is designed to be completed as a lock-step program in 12 months.

Thunderbird's highly ranked Master of Global Management is an interactive learning experience delivered through hands-on training by prominent professors in international management strategies and through collaboration with executive-level classmates. Students master cultural nuances

affecting regional business environments around the globe. Traditional business courses like accounting, finance and marketing are available as electives --- all taught through a global lens --- giving graduates the perfect balance of practical and people-influencing skills to inspire and drive success.

Students in the executive focus program learn to lead teams and manage projects across borders and across all levels of an organization that operates in different locations around the world. This program goes beyond the traditional executive-level business degree, offering comprehensive instruction in global management disciplines as well as cross-cultural communications, negotiations and international political economy. With its transdisciplinary philosophy blending business and trade, public policy and international affairs, the well-rounded curriculum builds capability in every facet of international management, featuring hands-on, experiential learning opportunities and practical, applicable explorations of the intricacies of leading global enterprises.

Residence modules and experiential learning
The yearlong executive focus program begins with an intense residence module delivered in the school's state-of-the-art facilities located in the downtown business district of Phoenix, the nation's fifth-largest and fastest-growing city. Throughout the program, the cohort meets on weekends for in-person instruction with Thunderbird faculty.

The program also offers global field seminars --- hands-on learning experiences in a focused region of the world --- composed of site visits, high-level meetings and presentations with local businesses, governments and cultural leaders, to learn what makes doing business in the region unique.

Los Angeles Location: The specialization in space leadership and business is tailored for individuals pursuing executive careers in commercial spaceflight, defense and civil aerospace, AI and big data, and next-generation manufacturing. The curriculum prioritizes industry immersion and focuses on modern practices, principles and case studies for corporate, startup, nonprofit and governmental organizations operating in space. Interested students should apply to this specialization separately.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
31 credit hours including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Other Requirements (15 credit hours)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 530 Big Data in the Age of the Global Economy (3)
TGM 549 Global Leadership (3)
TGM 598 Topic: Global Digital Transformation (3)
TGM 598 Topic: Lifelong Personal Leadership in the Global Economy (3)

Electives (12 credit hours)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For other requirements, the academic unit may approve other courses to be used than those listed.

For electives coursework, students should see the academic unit for the approved course list.

Students are allowed up to six credit hours of 400-level courses on the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE or GMAT scores may be required after a complete review of the student's application material, including resume, academic transcripts and letter of recommendation.

Global Opportunities:

Global Experience:

Students in the executive Master of Global Management program travel with classmates on one faculty-led Global Field Seminar or Global Challenge Lab during the program.

Global field seminar

This one-week, for-credit seminar offers a hands-on learning experience in a focused region of the world, comprised of site visits, high-level meetings and presentations with business, government and cultural leaders to learn what makes doing business in the region unique.

Thunderbird global challenge laboratories

This is a client-facing, project-based course built on a one-week immersion assignment in a key emerging market or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird global challenge lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Examples of career opportunities include professional titles such as:

- chief compliance officer
- chief executive officer
- chief financial officer
- chief information officer
- chief marketing officer
- chief operating officer
- chief sustainability officer
- executive director
- vice president

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

https://thunderbird.asu.edu/graduate/executive-master-of-global-management?action

TGHB 209

admissions.tbird@asu.edu

602-496-7100

Global Management (Certificate), Certificate (TBTGMGRCT)

Online Degree Search Title: Global Management (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

Thunderbird's graduate certificate program in global management provides an in-depth study of global political economy, leadership, strategy, negotiations and cross-cultural communications, giving students the skills they need to succeed in today's increasingly global business environment.

The school's innovative and practical curriculum, with a strong core of global business management skills, international political economy and

cross-cultural training, is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)
TGM 545 Global Leadership and Strategy (3)

Restricted Electives (12 credit hours)
TGM 506 Communicating and Negotiating Across Cultures (3)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)

Additional Curriculum Information
For restricted electives, students select four courses from the list above. Other courses may be approved by the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:

Graduates who have combined the certificate in global management with their major program of study may become more marketable to employers. They often decide to pursue employment in corporate functions such as marketing, strategy, finance, human resources and supply chain management.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate-certificates/graduate-certificate-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Creative Industries and Design Thinking), MGM (TBGMCIDMGM)

Online Degree Search Title: Global Management (Creative Industries and Design Thinking), MGM

Campus: Downtown Phoenix

Program Description:
The World Economic Forum reports that empathy and collaboration are two critical abilities for global manager success. These are equally critical for those seeking careers in creative industries and industries that use design thinking. These abilities rely on the development of social capital. Students in this program have the ability to build sustainable, trusting relationships --- the basis of social capital --- with others from diverse parts of the world by developing a deep capacity for intercultural empathy, the ability to have an interpersonal impact and the ability to act with diplomacy. This program is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. This concentration is offered in collaboration with the Herberger Institute for Design and the Arts. https://herbergerinstitute.asu.edu (https://herbergerinstitute.asu.edu/)

Inventive thinking. Innovative leadership.
There is an entrepreneurial skills gap among traditional art and design graduates, which can be filled by this program. The National Strategic National Arts Alumni Project survey of over 100,000 art and design graduates indicates that while 77% of architecture graduates and 75% of fine arts graduates believe entrepreneurial skills to be somewhat or very important, only 24% and 21% respectively gained the necessary entrepreneurial knowledge and skills as undergraduates.

The MGM program with a concentration in creative industries and design thinking teaches students critical skills with an interdisciplinary focus to meet a current need in the globally expanding field of creative industries. Additionally, providing students with an entrepreneurial skill set strengthens their ability to connect interdisciplinary knowledge of the cultural industries with design thinking methodology, building on management skills and the ability to apply entrepreneurial vision to the globally interconnected sector of art and design. Students are exposed to design-thinking pedagogy as they increase their capacity for interpersonal communication, public communication, opportunity recognition, network and systems thinking, problem recognition and creativity, as well as demonstrated abilities in cultural leadership, knowledge of the creative industries, distribution of creative products, the creative process and management of innovation in the creative industries.

This master's degree program empowers students to advance innovation in the cultural sector, support creative work and careers, harness social capital and design public and private enterprises that will strengthen arts and design in the future. The program prepares graduates to understand the complex economic, legal, political and social contexts that surrounds any innovation or enterprise.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE

Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (6 credit hours)
HDA 513 Applied Research and Evaluation Methods (3)
HDA 521 Counting Arts and Culture: Reasoning with Empirical Evidence (3)

Restricted Electives (6 credit hours)
GRA 501 Creative Environment and Collaborative Leadership (3)
HDA 522 Media Literacy and Distribution (3)
creative enterprise development elective (3)
leadership elective (3)

Open Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For restricted electives, students either take HDA 522, GRA 501, a creative enterprise development elective or leadership elective for a total of six credit hours.

Open electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who

meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird global challenge lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- intelligence analysts
- instructional designers and technologists
- management analysts
- marketing managers
- market research analysts and marketing specialists
- sales managers
- social and community services managers

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
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602-496-7100

Global Management (Data Science), MGM (TBGMDSCMGM)

Online Degree Search Title: Global Management (Data Science), MGM
Campus: Downtown Phoenix

Program Description:
This STEM-designated* MGM program in global management with a concentration in data science, designed in partnership with ASU's School of Computing and Augmented Intelligence in the Ira A Fulton Schools of Engineering, is offered to students who are interested in gaining both global management and data management expertise in order to work in multinational corporations, international nonprofit entities, governmental and nongovernmental organizations around the globe.

As global companies and organizations in the Fourth Industrial Revolution continue to rely on data to drive management decisions, it is increasingly important for leaders to have the skills necessary to understand and interpret that data.

Thunderbird School of Global Management has produced unique leaders for 75 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

*As an added bonus for international students, this program meets special F-1 international student status requirements. This means that international students who graduate with the data science concentration qualify for a 24-month extension to their Optional Practical Training in the United States beyond the 12-month period already provided to international students in non-STEM degrees.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Business (Food Industry Management), BA
> Business (Global Agribusiness), BA
> Business (Language and Culture), BA
> Business (Statistics), BA
> Business Data Analytics, BS
> Business Entrepreneurship, BS
> Economics, BS
> Engineering Management, BSE
> Industrial Design, BSD
> Industrial Engineering, BSE
> Informatics, BS
> Liberal Studies, BA
> Marketing, BS
> Marketing (Digital and Integrated Marketing Communications), BS
> Marketing (Professional Sales), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
CSE 511 Data Processing at Scale (3) or CSE 512 Distributed Database Systems (3)
CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)
Choose two from the following:
CSE 510 Database Management System Implementation (3)
CSE 515 Multimedia and Web Databases (3)
CSE 546 Cloud Computing (3)
CSE 573 Semantic Web Mining (3)
CSE 578 Data Visualization (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirements coursework may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • resume
 • essay response to application question
 • one professional or academic reference
 • GMAT or GRE may be required
 • interview
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- computer and research information scientists
- instructional designers and technologists
- intelligence analysts
- management analysts
- market research analysts and marketing specialists

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHM 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Digital Audience Strategy), MGM (TBGMDASMGM)

Online Degree Search Title: Global Management (Digital Audience Strategy), MGM
Campus: Downtown Phoenix

Program Description:
The World Economic Forum reports that empathy and collaboration are two critical abilities for a global manager's success. These abilities rely on the development of social capital, and they are equally critical for those seeking careers in digital audience strategy. This program is designed to develop social capital through field-based action learning, team-based projects and stretch assignments. Students have the ability to build sustainable trusting relationships --- the basis of social capital --- with others from diverse parts of the world by developing intercultural empathy, the ability to have an interpersonal impact and the ability to lead with diplomacy.

Digital marketing is expected to have annual growth, and advances in technology have brought programming and data analysis within reach for individuals who are far less technically trained. This has created a new class of hybrid jobs that combine digital skills with marketing and design (Burning Glass). In response to this trend, Thunderbird School of Global Management has designed the digital audience strategy concentration within the MGM degree program in collaboration with the Walter Cronkite School of Journalism and Mass Communication: https://cronkite.asu.edu/ (https://cronkite.asu.edu/).

Digital Reach. Global Impact.

The concentration in digital audience strategy is designed for students interested in augmenting their digital skills in the areas of marketing, design and product development. Through a collaborative sequence of courses offered in partnership with other ASU colleges, students can combine the global management skills found in graduates of the traditional Master of Global Management with digital expertise.

Strong quantitative and qualitative research methods provide the foundation of effective digital audience strategy, and graduates of the program master the ability to conduct research to identify and reach target audiences and to demonstrate returns on investments.

The research used to identify and reach target audiences through digital audience strategy includes traditional and emerging methods such as real-time website and social media audience analysis, social network analysis, search engine optimization analysis, surveys, focus groups and competitive analysis. Graduates master a range of methods to inform strategy for specific outcomes.

This concentration is perfect for students who are interested in expanding and refining their digital skills in the areas of marketing, design and product development to complement a strong core of global leadership and management skills. A Master of Global Management from Thunderbird with a concentration in digital audience strategy prepares graduates to take on leadership roles around the world in industries such as entertainment, journalism, public relations, marketing and many others.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS

Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
MCO 561 Defining the Digital Audience (3)
MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)
MCO 563 Social Media Campaigns and Engagement (3)
MCO 564 Digital Audience Research and Behavior (3)
MCO 565 Digital Audience Analytics (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For the concentration coursework, students must take MCO 561, then choose three courses from MCO 562, MCO 563, MCO 564 or MCO 565 for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully complete six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- interview
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:

Global Experience:

Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Career examples include:

- instructional designers and technologists
- intelligence analysts
- management analysts
- marketing manager
- market research analysts and marketing specialists
- sales managers

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu

602-496-7100

Global Management (Global Affairs), MGM (TBGMGAMGM)

Online Degree Search Title: Global Management (Global Affairs), MGM
Campus: Downtown Phoenix

Program Description:
Understanding the intersections between business and politics is more important than ever for managers and executives in the private, nonprofit and public sectors. The World Economic Forum's latest Future of Jobs Report and McKinsey Global Institute's Jobs of the Future report both have suggested that transdisciplinary, virtual collaboration and cross-cultural competence are extremely important job skills for the near future. Thunderbird's MGM program with a concentration in global affairs equips students with the knowledge base and hard skills needed to thrive in the growing job markets at the nexus of global business and international politics.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA

Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from an approved list for a total of 12 credit hours. Students should contact the academic unit for approved course list.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English who meet the admission requirements for the master's degree program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any subject or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• GMAT or GRE may be required
• interview
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:

Global Experience:

Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

This concentration prepares graduates to take on management and executive positions in government agencies such as the U.S. Department of Commerce, the State Department and the Treasury Department or similar roles in the government of a student's home country. The global affairs concentration also positions graduates for leadership roles in international organizations such as the World Bank or World Trade Organization and in major companies that require analysts to monitor policy trends, managers to oversee global supply chains and representatives to advance global business interests to governments, both domestic and foreign.

Career examples include:

- business continuity planners
- diplomats
- intelligence analysts
- political scientists
- regulatory affairs specialists
- social and community service managers

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Business), MGM (TBGMGBMGM)

Online Degree Search Title: Global Management (Global Business), MGM
Campus: Downtown Phoenix

Program Description:
This STEM-designated MGM program with a concentration in global business delivers cross-cultural, hands-on training in the nuances of international management, preparing students with the perfect balance of practical and people skills to inspire, influence and drive global success.*

The concentration in global business allows students to specialize in the various pathways in global business such as global finance, global marketing, supply chain or management consulting. By developing students' skills such as cross-cultural competency, social and emotional intelligence as well as creative and adaptive thinking, this program helps sharpen their global mindset, along with leadership and management skills, preparing them for a boundless career as a global manager or leader in their chosen field.

Global business effectiveness requires knowledge and understanding of global dynamics, the ability to simplify and explain complex ideas, and a nuanced, cosmopolitan view of the world. These three dimensions form the basis of global intellectual capital. In the Master of Global Management degree program, this capital is built inside and outside the classroom through a cutting-edge international business curriculum reinforced with field-based projects that integrate international business experience, illustrating social proof of global intellectual capital mastery. The concentration in global business prepares students who aspire to become global managers or leaders in their chosen fields.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

*This program meets special F-1 international student status requirements. This means that international students who graduate with the global business concentration qualify for a 24-month extension to their Optional Practical Training in the United States beyond the 12 months already provided to international students in non-STEM degrees.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA

Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from an approved list, which includes 500-level TGM courses, select SCM courses (502, 515, 520, 541 and 542) and HSM 550. Students should contact the academic unit for a full list of approved courses.

Students specialize their electives in various areas in global business such as global finance, global marketing or global leadership. Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English and who meet admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or successfully completing six credit hours of 40- level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:

Global Experience:

Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Career examples include the following:

- auditors
- financial analysts
- financial managers
- general and operations managers
- human resources managers
- intelligence analysts
- logistics managers
- marketing managers
- management analysts
- sales managers
- supply chain managers

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Development and Innovation), MGM (TBGMGDIMGM)

Online Degree Search Title: Global Management (Global Development and Innovation), MGM
Campus: Downtown Phoenix

Program Description:
Recent research reveals that graduate programs in international development are in high demand. In fact, Devex found that the master's in international development was No. 3 in their survey of most demanded degrees (Devex, 2016). In a study of international development graduates in Canada, researchers found that over 86% of graduates were employed (Tiessen and Cameron, 2017). To meet this surging demand, Thunderbird School of Global Management created the development and innovation concentration within the MGM degree program.

Offered in collaboration with the School for the Future of Innovation in Society (https://sfis.asu.edu/school-future-innovation-society (https://sfis.asu.edu/school-future-innovation-society)), the Master of Global Management in global development and innovation prepares global leaders to leverage innovation strategies to tackle development and planetary challenges. The ability to access the tremendous resources available throughout ASU for a truly customizable and transdisciplinary education sets this degree program apart.

Tailored to each student's ambitions and interests, this unique academic concentration is relevant to development practitioners who seek to complement their skills and experience and to those interested in pursuing careers in international development agencies within and beyond government as well as in nongovernmental organizations and community organizations at local, national and international levels.

Graduates are equipped with the analytical and practical skills and experience needed to engage critically as leaders in issues around innovation and development and to work across the intersections of innovation, development policy and global management. They are prepared to make a positive impacts in leadership roles alongside the school's global alumni network of professionals who are making a difference. Graduates have opportunities around the world to tackle some of humanity's most difficult and urgent challenges. They are on the frontline working as agents of change, advancing a shared vision of a world with inclusive and sustainable prosperity.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Asia Studies (East Asia), BA
    Asia Studies (South Asia), BA
    Asia Studies (Southeast Asia), BA
    Biological Sciences, BS
    Biological Sciences (Biology and Society), BS
    Biological Sciences (Genetics, Cell and Developmental Biology), BS
    Biological Sciences (Neurobiology, Physiology and Behavior), BS
    Business (Business Administration), BA
    Business (Communication), BA
    Business (Food Industry Management), BA
    Business (Global Agribusiness), BA
    Business (Global Logistics Management), BA
    Business (Global Politics), BA
    Business (Health Care), BA
    Business (Information Security), BA
    Business (Language and Culture), BA
    Business (Law), BA
    Business (Public Service and Public Policy), BA
    Business (Sports Business), BA
    Business (Statistics), BA
    Business (Sustainability), BA
    Business (Technology), BA
    Business (Tourism), BA
    Business Data Analytics, BS
    Business Entrepreneurship, BS

Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 504 Technology and Development in Zones of Conflict (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)
GTD 507 Technology and Development in the Middle East (3)
GTD 508 Technology and Development in Latin America (3)
GTD 509 Technology and Development in North Africa (3)
GTD 510 Technology and Development in Sub-Saharan Africa (3)
GTD 511 Development Policy and Practices (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Career examples include:

- business continuity planners
- environmental economists
- environmental restoration planners
- regulatory affairs managers
- sustainability specialists
- urban and regional planners
- water resource specialists

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

https://thunderbird.asu.edu/degrees/graduate/master-global-management

TGHB 209

admissions.tbird@asu.edu

602-496-7100

Global Management (Global Digital Transformation), MGM (TBGMGDTMGM)

Online Degree Search Title: Global Management (Global Digital Transformation), MGM
Campus: Downtown Phoenix

Program Description:

Thunderbird designed the STEM-designated* global digital transformation concentration within the MGM degree program for students interested in augmenting their digital skills in the areas of management consulting, marketing, design and product development. Students can tailor this cutting-edge academic concentration to fit their specific learning goals. Through collaborative courses offered in partnership with other ASU colleges, students may combine the global management skills gained in the Master of Global Management with digital expertise to create a dual specialization that will continue to be in high demand throughout the global economy.

A new brand of leadership: global, digital, cross-sectoral, transdisciplinary.

The World Economic Forum reports that empathy and collaboration are two critical abilities for a global manager's success. These abilities are equally critical for those seeking careers in global digital transformation. They are skills that rely on the development of social capital. This program is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. Students can build sustainable trusting relationships --- the basis of social capital --- with others from diverse parts of the world. By developing a deep capacity for intercultural empathy, mastering interpersonal communication and negotiation skills, and cultivating the ability to act with diplomacy, graduates are prepared to take on a leadership role in a global organization.

Digital transformation leadership is a highly sought-after expertise. However, technical skills need to be supplemented with a strong repertoire of management and collaboration skills. The Master of Global Management program with a concentration in global digital transformation expands students' choices of electives and fuses technological skills with managerial skills. In this concentration, students combine the global management skills of the Master of Global Management with digital expertise by specializing in the various pathways of global digital transformation through program coursework and applied learning projects guided by faculty experts.

*As a bonus for international students, this program meets special F-1 international student status requirements. This means that international students who graduate with the global digital transformation concentration qualify for a 24-month extension to their Optional Practical Training in the United States beyond the 12 months already provided to international students in non-STEM degrees.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English and who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects

take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- intelligence analysts
- logistics analysts
- management analysts
- marketing managers
- market research analysts and marketing specialists

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Entrepreneurship), MGM (TBGMGEMGM)

Online Degree Search Title: Global Management (Global Entrepreneurship), MGM
Campus: Downtown Phoenix

Program Description:
Entrepreneurship activities continue to grow globally and increasingly, these innovative activities were triggered by opportunities rather than by the kinds of necessity that historically drove creativity for many decades around the world. The new digital technological transformation has created tremendous opportunities and led to an increase in the need for new, creative ventures. Additionally, the report also found that the change in attitude toward entrepreneurship and regulations in various countries had sparked and perpetuated entrepreneurship activities.

To meet this market need, Thunderbird has designed the global entrepreneurship concentration within the school's top-ranked MGM degree program. This concentration is offered to students who are interested in starting their own business or who need to be entrepreneurial in the organizations they work for.

The World Economic Forum reports that empathy and collaboration are two critical abilities for a global leader's success. These abilities are equally critical for those seeking careers in global entrepreneurship, and they rely on the development of social capital. This academic concentration is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. Students learn and master proven methods and techniques to build sustainable, trusting relationships --- the basis of social capital --- with others from diverse parts of the world, developing intercultural empathy, the ability to have an interpersonal impact and the mental dexterity to act with diplomacy.

Global entrepreneurs are innovators who use their international business acumen and professional connections to identify transnational and cross-cultural opportunities, turning them into new value-generating initiatives. The Master of Global Management program with a concentration in global entrepreneurship provides a broad foundation of international business knowledge and sharpens students' entrepreneurial skills by helping develop business plans for global enterprises. This concentration offers learning opportunities specifically designed to foster innovation and economic growth worldwide to stimulate the growth of students into global entrepreneurs. Students build on a base of skills in areas such as finance and accounting with specialized education in research, pitching business ideas and analyzing markets for the viability of new products and services.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 596 Thunderbird Experiential Practicum (6)

Students choose five courses from the following:
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)

TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 598 Special Topics: The Global Business Plan (3)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from an approved list. Students should contact the academic unit for approved courses.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Career examples include:

- chief executives
- chief sustainability officers
- general and operations managers
- logistics managers
- purchasing managers
- sales managers

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

https://thunderbird.asu.edu/degrees/graduate/master-global-management

TGHB 209

admissions.tbird@asu.edu

602-496-7100

Global Management (Global Health Care Delivery), MGM (TBGMGHDMGM)

Online Degree Search Title: Global Management (Global Health Care Delivery), MGM

Campus: Downtown Phoenix

Program Description:

Students gain practical skills and hands-on experience in both global management and health care delivery. Due to the aging population of the U.S. and the world, many careers of the future will involve health care services, including health care management and delivery. The U.S. Bureau of Labor Statistics predicts that careers in the field of medical and health care management will grow 20% between 2016 and 2026. The Bureau also estimates the median annual wage for health care managers is almost twice that of the U.S. median, making these leadership positions not only lucrative but impactful.

This MGM concentration allows graduates to meet the growing need for skilled health care managers who possess a solid foundation of international business skills and a global mindset.

The Master of Global Management program with a concentration in global health care delivery is designed for current or aspiring executives and managers in health care who would like to hone their leadership and business skills to position themselves for careers leading health care organizations around the world. Some health care practitioners, such as nurses and doctors, may also use the degree as a way to move from clinical practice into management roles.

The concentration in global health care delivery addresses the current and future needs of the management workforce in the health care industry globally, including C-suite executives and administrators, health care providers (physicians, physician assistants, nurse practitioners and nurses), frontline staff (respiratory therapists, occupational therapists, physical therapists and dietitians) and students in medical disciplines. Students master core and advanced skills in designing systems, processes and mechanisms used to optimize health care delivery anywhere in the world. In addition, students integrate evidence-based financial principles geared toward improved individual and population health outcomes, such as leadership strategies in change management, for example.

This concentration is offered in collaboration with the College of Health Solutions. https://chs.asu.edu/ (https://chs.asu.edu/)

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
HCD 502 Heath Care Systems and Design (3)

HCD 520 Population Health (3)
HCD 521 Law and Health Promotion (3)
HCD 532 Health Care Management and Finance (3)
HCD 540 Process Engineering for Health Care Quality and Safety (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit

Proficiency in a second language is required for graduation from the MGM degree. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00(scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • resume
  • essay response to application question
  • one professional or academic reference
  • GMAT or GRE may be required
  • interview
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- compliance managers
- management analysts
- medical and health services managers
- social and community service managers

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Legal Studies), MGM (TBGMGLSMGM)

Online Degree Search Title: Global Management (Global Legal Studies), MGM
Campus: Downtown Phoenix

Program Description:
The MGM program in global management with a concentration in global legal studies is designed for students with a desire to work in areas requiring knowledge of global legal issues but who may not want to be lawyers. Other students may use this concentration as an introduction to legal studies before pursuing law school. In this program, students gain transdisciplinary global management and legal expertise that open doors in multiple sectors within organizations operating around the world. This concentration is offered in collaboration with the Sandra Day O'Connor College of Law: https://law.asu.edu/ (https://law.asu.edu/).

The first step in understanding and applying laws is developing an understanding of basic legal principles and then using those principles to identify and analyze relevant legal issues. The foundational courses of the Master of Global Management with a concentration in global legal studies lead to mastery of the relevant legal principles while developing legal analysis skills, mainly through case briefings, such as identifying a particular case's legal issue, articulating the legal rule, discussing the court's analysis and concluding. These legal analysis skills are tested on final exams in the foundational courses through hypothetical fact scenarios. Students gain and master the ability to understand legal principles --- the basis of legal analysis --- and to apply them in their field of interest.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• GMAT or GRE may be required
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:
- compensation and benefits managers
- compliance managers
- human resources managers
- intelligence analysts
- regulatory affairs managers
- urban and regional planners

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
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602-496-7100

Global Management (Integrated Health Care), MGM (TBGMIHCMGM)

Online Degree Search Title: Global Management (Integrated Health Care), MGM
Campus: Downtown Phoenix

Program Description:
The World Economic Forum reports that empathy and collaboration are two critical abilities for a global manager's success. These skills are equally critical for those seeking careers in integrated health care. Capacity for these key abilities relies on the development of social capital. This program is designed to develop social capital through field-based action learning, team-based projects and stretch assignments. Students become experts in building sustainable, trusting relationships --- the basis of social capital --- with others from diverse parts of the world by mastering intercultural empathy, the skill set to have an interpersonal impact and the business acumen to act with diplomacy.

Delivering care with global reach
The MGM program in global management with a concentration in integrated health care is designed for current or aspiring managers in health care who would like to develop, implement, evaluate and sustain integrated care programs in diverse health care settings globally. Students gain perspectives on both global management and integrated health care in this program.

Doing well by doing good with a specialized master's degree
Students in this program master the ability to apply foundational business concepts and analytics of health care and integrated care to transform health care management practices. Students learn to leverage key aspects of health care systems, organizational cultures and populations, and workforce issues necessary to implement, evaluate and sustain integrated care delivery globally. Graduates position themselves to enter the workforce in leadership roles in which they can make a difference. Graduates achieve a demonstrated proficiency in cross-cultural leadership, interdisciplinary teamwork, change management and health care technologies, empowering them to develop innovative clinical, operational and financial strategies and techniques.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

    Asia Studies (East Asia), BA
    Asia Studies (South Asia), BA
    Asia Studies (Southeast Asia), BA
    Biological Sciences, BS
    Biological Sciences (Biology and Society), BS
    Biological Sciences (Genetics, Cell and Developmental Biology), BS
    Biological Sciences (Neurobiology, Physiology and Behavior), BS
    Business (Business Administration), BA
    Business (Communication), BA
    Business (Food Industry Management), BA
    Business (Global Agribusiness), BA
    Business (Global Logistics Management), BA
    Business (Global Politics), BA
    Business (Health Care), BA
    Business (Information Security), BA
    Business (Language and Culture), BA
    Business (Law), BA
    Business (Public Service and Public Policy), BA
    Business (Sports Business), BA
    Business (Statistics), BA
    Business (Sustainability), BA
    Business (Technology), BA
    Business (Tourism), BA
    Business Data Analytics, BS
    Business Entrepreneurship, BS
    Economics, BS
    Engineering Management, BSE
    Finance, BS
    Global Health, BA
    Global Management, BGM
    History, BA
    Industrial Design, BSD
    Industrial Engineering, BSE
    Informatics, BS
    International Trade, BS
    Liberal Studies, BA
    Management, BS
    Marketing, BS
    Marketing (Digital and Integrated Marketing Communications), BS
    Marketing (Professional Sales), BS
    Microbiology, BS
    Philosophy, BA
    Religious Studies (Religion, Politics and Global Affairs), BA
    Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
IBC 520 Integrated Health: The Patient-Centered Medical Home (PCMH) (3)
IBC 540 Integrated Health Care Process Improvement (3)
IBC 550 Integrated Health Care Operations (3)
IBC 585 Team-Based Consultation and Leadership (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Personal Leadership Development (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information
Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • resume
  • essay response to application question
  • one professional or academic reference
  • GMAT or GRE may be required
  • interview
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate

partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- compliance managers
- management analysts
- medical and health services managers
- sustainability specialists

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Nonprofit Leadership and Management), MGM (TBGMNLMGM)

Online Degree Search Title: Global Management (Nonprofit Leadership and Management), MGM
Campus: Downtown Phoenix

Program Description:
Nonprofit organizations around the world are poised to meet the double-bottom line mentality of millennials. Thunderbird has created the nonprofit leadership and management concentration within the MGM degree program to prepare students for these impactful roles.

Because the lines between the functions of nonprofit and for-profit organizations are increasingly blurry, Thunderbird's renowned faculty has designed a curriculum that is cross-sectoral and transdisciplinary in nature, tailored for students aspiring to leadership roles in global nonprofit institutions in which they can leverage their business and global management expertise in their work.

This unique concentration in nonprofit leadership and management within the Master of Global Management program provides students with a deep understanding of the nonprofit sector's role in the global economy and with the knowledge and skills to lead and manage transnational nonprofit organizations. Offered in collaboration with ASU's Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/ (https://publicservice.asu.edu/)), students take courses in nonprofit leadership and management through Watts College. Students learn to evaluate and articulate the historical and philosophical context of nonprofit organizations in society, the theory and practice of philanthropy, while mastering cutting-edge financial management practices.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS

Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 540 Strategic Human Resources Management (3)
NLM 570 International Non-Governmental Organizations (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language

TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • resume
 • essay response to application question
 • one professional or academic reference
 • GMAT or GRE may be required
 • interview
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- business continuity planners
- environmental restoration planners
- environmental economists
- regulatory affairs managers
- sustainability specialists
- social and community service managers
- urban and regional planners

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Public Administration), MGM (TBGMPAMGM)
Online Degree Search Title: Global Management (Public Administration), MGM
Campus: Downtown Phoenix

Program Description:
New research is emphasizing that the millennial generation is increasingly motivated by values such as social justice and environmental stewardship and many graduates are looking for careers in the public and nonprofit sectors (Chamberlain, 2018). However, only 7% of federal employees are under the age of 30 (Curry, 2017). This mismatch between millennials' desire for meaningful work and their relatively low representation in the public sector highlights that many public administration programs are not meeting current market conditions. New programs are needed that integrate expert training in public administration with global management.

To meet this new need, Thunderbird School of Global Management has created the public administration concentration in the highly ranked MGM degree program in collaboration with ASU's Watts College of Public Service and Community Solutions. https://publicservice.asu.edu/ (https://publicservice.asu.edu/)

This concentration is intended for future leaders who want public service skills and experience as part of their global management repertoire and for students seeking roles within public institutions or roles that interact with those institutions, especially on matters where public policy overlaps with business or other global enterprises. The program is designed by Thunderbird's renowned faculty and allows students to take courses in public administration through Watts College of Public Service and Community Solutions.

Students earn a broad skill set and solid foundational understanding of public administration, leadership, management and policy analysis in service to the public good. This program prepares students for leadership roles in governmental and nonprofit organizations around the world.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
PAF 503 Public Affairs (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 508 Organization Behavior (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
   • graduate admission application and application fee
   • official transcripts
   • resume
   • essay response to application question
   • one professional or academic reference
   • GMAT or GRE may be required
   • interview
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs

and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars

This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:

Career examples include:

- business continuity planners
- intelligence analysts
- legislators
- political scientists
- regulatory affairs managers
- sustainability specialists
- social and community service managers

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
TGHB 209
admissions.tbird@asu.edu
602-496-7100

Global Management (Public Policy), MGM (TBGMPPMGM)

Online Degree Search Title: Global Management (Public Policy), MGM
Campus: Downtown Phoenix

Program Description:

Careers in public policy are projected to continually increase over the next decade. In addition, the nonprofit sector is anticipated to grow significantly between 2020 and 2030, after having been negatively affected during the years of the pandemic. Many jobs are open, or are expected to be created, because of the need to replace public policy and nonprofit sector workers who transfer to different occupations or retire the labor force (Bureau of Labor Statistics, 2021). To meet this market need, the Thunderbird School of Global management has designed the public policy concentration within the flagship MGM degree program.

The public policy concentration program is designed for students who would like to work in cross-sector roles within public and nonprofit institutions around the world. Other students may use this program as a springboard into jobs in the private sector that have significant overlap with public agencies. In short, graduates are prepared in both global management and public policy in order to meet the demands of an increasingly interwoven economy.

The Master of Global Management program with a concentration in public policy prepares students for careers as policy analysts and leaders in public service. Offered in collaboration with the Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/ (https://publicservice.asu.edu/)) at ASU, graduates are able to apply analytical techniques and conceptual frameworks to understand policy issues as well as to identify potential solutions to real-world challenges.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
PAF 501 Public Service Research I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English and who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee
   • official transcripts
   • resume
   • essay response to application question
   • one professional or academic reference
   • GMAT or GRE may be required
   • interview
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate

partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird Global Challenge lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- business continuity planners
- intelligence analysts
- legislators
- political scientists
- regulatory affairs managers
- sustainability specialists
- social and community service managers

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
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Global Management (Sustainability Solutions), MGM (TBGMSSMGM)
Online Degree Search Title: Global Management (Sustainability Solutions), MGM
Campus: Downtown Phoenix

Program Description:
Solutions for the planet and industry
The Thunderbird MGM program with a concentration in sustainability solutions prepares students for the professions of the future. In this concentration, students earn a degree that benefits their career and the planet. There is an accelerating demand for leaders with a global mindset who possess expertise in sustainability, understand how to apply its principles and technology in approaching problems, and know how to work with and draw from different disciplines to develop practical solutions to the world's most urgent sustainability challenges.

The World Economic Forum reports that empathy and collaboration are two critical abilities for global manager success. These are equally critical for those seeking careers in sustainability solutions. These abilities rely on the development of social capital. This program is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. Students have the ability to build sustainable trusting relationships --- the basis of social capital --- with others from diverse parts of the world by learning techniques and methods of developing intercultural empathy, the ability to have interpersonal impact, and to act with diplomacy when influencing others. This concentration is offered in collaboration with ASU's School of Sustainability.

Doing well by doing good with a specialized master's degree
Research shows that more than 40% of executives want to align their company's goals with sustainability principles. In the same survey, chief executive officers identified sustainability as a top priority (McKinsey, 2014). Governments are also increasingly recognizing the importance of sustainability. This has led the United Nations to outline sustainable development goals for 2030, an effort that many multinational corporations, nonprofit organizations and state entities have pledged to join. As sustainability gains more traction, knowledge and management expertise in this area will become increasingly attractive to employers. Thunderbird has designed the sustainability solutions concentration to prepare students for these new organizational norms and to capitalize on the need for expert leadership in this rapidly growing profession.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

49 credit hours including a foreign language exam and capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, SOS 508 and 509 are required. The remaining six credit hours required for the student's concentration are to be selected from the approved course list, available from the academic unit.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
   • graduate admission application and application fee
   • official transcripts
   • resume
   • essay response to application question
   • one professional or academic reference
   • GMAT or GRE may be required
   • interview
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- business continuity planners
- environmental economists
- environmental restoration planners
- quality control systems managers
- sustainability specialists
- urban and regional planners
- water resource specialists

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
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602-496-7100

Global Management (Sustainable Tourism), MGM (TBGMSTMGM)

Online Degree Search Title: Global Management (Sustainable Tourism), MGM
Campus: Downtown Phoenix

Program Description:
Research indicates that 1 in 10 people are employed in a tourism-related job (World Economic Forum, 2017). Another study showed that travelers are more likely to visit places if there are sustainable practices in place (Mandala, 2017). In addition, governments are recognizing the importance of sustainability, leading the United Nations to outline sustainable development goals. As the tourism industry continues to adopt eco-tourism and sustainability practices, a new set of skills is needed.

Solutions for the planet and the tourism industry
Thunderbird's MGM program with a concentration in sustainable tourism prepares students for management and executive-level positions in the tourism industry globally. Offered in collaboration with ASU's Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/ (https://publicservice.asu.edu/)), Thunderbird's sustainable tourism concentration addresses the unique character of the sustainability revolution. The program prepares graduates to transform the sustainability practices of global enterprises in tourism development and management.

The program is designed for students interested in working in sustainable tourism, hospitality, travel and related fields. The concentration in sustainable tourism opens up a world of opportunities, allowing students to take courses in sustainable tourism from ASU's Watts College of Public Service and Community Solutions at the Downtown Phoenix campus, located in the heart of the state capital's thriving business district.

Students specialize in sustainable tourism management, mastering the principles and practices of successful sustainable development in the tourism field. Together, a diverse cohort learns to integrate economic, social and environmental aspects of sustainability as it relates to tourism; conduct sustainability audits for destinations and businesses; evaluate community impacts of tourism; innovate and evaluate sustainable tourism practices; and perform business planning and management. Students receive specialized, hands-on training in international business, cross-cultural relations, global political economy and regional business environments.

Graduates enter their profession ready to oversee initiatives in research, development, implementation, execution and evaluation of sustainable tourism plans for businesses and destinations. Graduates are prepared to enter today's complex and exciting global economy at the top of organizations that operate across borders. They join a global network of Thunderbird alumni who hold leadership positions in global organizations worldwide.

With their global mindset, future-ready core professional skills, mastery of management principles, and multicultural outlook, students are prepared to lead enterprises with a global scope. Potential employers include international tour operators as well as cities and venues around the world that attract guests from all over the globe.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Engineering Management, BSE
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
Industrial Design, BSD
Industrial Engineering, BSE
Informatics, BS
International Trade, BS
Jewish Studies, BA
Liberal Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS

Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
49 credit hours including the required capstone course (TGM 597).

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (3)
TDM 540 Sustainable Food Management in Tourism (3)
TDM 570 Sustainable Tourism (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- resume
- essay response to application question
- one professional or academic reference
- GMAT or GRE may be required
- interview
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Applicants are exempt from taking the GMAT or GRE if they have eight or more years of professional work experience or a cumulative undergraduate GPA of 3.25 or above. Applicants who do not meet either requirement are reviewed by the application committee and may receive an exception on a case-by-case basis.

Global Opportunities:
Global Experience:
Students in Thunderbird's Master of Global Management program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Global Field Seminars
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills so they can become major assets to any organization they join after graduating.

Thunderbird Global Challenge Laboratories
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website: https://thunderbird.asu.edu/challenge-labs (https://thunderbird.asu.edu/challenge-labs).

Career Opportunities:
Career examples include:

- business continuity planners
- environmental economists
- environmental restoration planners
- quality control system managers
- sustainability specialists
- transportation managers
- urban and regional planners

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/graduate/master-global-management
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Global Marketing (Certificate), Certificate (TBGMKTGRCT)

Online Degree Search Title: Global Marketing (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
Domestic marketing frameworks and tools are not sufficient in comparison to the global marketing framework that includes idiosyncrasies and complexities of the political, economic, legal, societal and cultural differences that exist in foreign markets.

The courses in Thunderbird's global marketing certificate program position students to thrive in multinational corporations and international organizations by equipping them with the knowledge of how and why customers make decisions. Students learn how to leverage branding across all channels to create value and to use the abundance of data available in today's market for cutting-edge business analytics. Courses emphasize the experiential approach to learning, using case studies featuring companies from around the globe with different cultures and complex legal environments.

Students learn to understand the critical, nuanced differences that managers need to recognize when conducting business across borders, and they examine how customer decision-making and how branding, business analytics, negotiation, channels and distribution, sales force management, product development and strategic services marketing are playing out in the international arena.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
TGM 553 Global Customer Decision Making (3)
TGM 554 Global Marketing Research (3)

Electives (9 credit hours)

Additional Curriculum Information
Students choose three elective courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants must have taken TGM 551 Global Marketing Strategy and TGM 552 Global Marketing Management, or TGM 503 Global Marketing, or a three credit hour, 500-level graduate course with a minimum grade of "B" (scale is 4.00 = "A") or its equivalent. Coursework must be from a regionally accredited institution, from an institution accredited by a business accreditation organization such as the Association to Advance Collegiate Schools of Business, European Quality Improvement System, Association of MBAs or other institutions with approval from the academic unit.

Career Opportunities:

Graduates who have combined the certificate in global marketing with their major program of study may become more marketable to employers. They often decide to pursue employment in product marketing, social media or market research areas.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
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Thunderbird School of Global Management
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Global Trade and Commerce (Certificate), Certificate (TBGTCMGRCT)

Online Degree Search Title: Global Trade and Commerce (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The coursework for Thunderbird's graduate certificate in global trade and commerce is tightly integrated and offers comprehensive coverage of core topics in cross-border business and the exchange of goods. Students gain a strong understanding of how companies leverage their global value chains to achieve competitive advantage.

The school's innovative and practical curriculum, with a strong core of global business management skills, international political economy and cross-cultural training, is delivered through a transdisciplinary approach. Students learn best practices through interaction with faculty engaged in broad-based research and consulting.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
SCM 541 Logistics in the Supply Chain (3)
TGM 537 State Power, Business Interests and Multinational Trade Agreements (3)

Electives (9 credit hours)

Additional Curriculum Information
Students choose three elective courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants must have taken TGM 505 States and Markets in a Global Economy with a minimum grade of "B" (scale is 4.00 = "A") or its equivalent from a regionally accredited institution, from an institution accredited by a business accreditation organization such as the Association to Advance Collegiate Schools of Business, European Quality Improvement System or Association of MBAs, or other institutions with approval from the academic unit.

Career Opportunities:
Graduates who combined the certificate in global trade and commerce with their major program of study may be more marketable to employers. They often decide to pursue employment in import or export organizations, or government agencies.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Global Management, Thunderbird School of
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602-496-7100

Leadership and Management, MLM (TBLDMGMLM)

Online Degree Search Title: Leadership and Management, MLM
Campus:

Program Description:
Professionals expand their management and leadership repertoire while sharpening their business skills in Thunderbird School of Global Management's MLM program, earning a unique graduate degree with classes taught by Thunderbird's world-class professors. The program provides mastery of modern practices from a global perspective for managers and executives in transnational organizations, delivering the highest quality graduate education in a flexible format.

This is an in-depth, professional degree program that features applicable training in the nuances of managing a global business, government agency or nonprofit organization.

The Master of Leadership and Management program combines cutting-edge management coursework with a truly global curriculum, cross-cultural communication and negotiation training, and personal development and leadership components to prepare graduates to thrive as decision-makers in enterprises that operate across borders.

Empowering graduates with well-rounded, future-ready skill sets, this transformational master's degree provides a strategically choreographed progression through every facet of international management with courses spanning the gamut of Thunderbird's offerings, from accounting and data-driven decision making to global finance and marketing. Students also receive hands-on, experiential learning opportunities in practical, real-world situations through elective courses that allow them to apply the full range of professional skills acquired during their studies.

The Master of Leadership and Management program allows students to work at their own pace to earn their degree in as few as 12 months. The program is designed specifically for students from around the world and allows them to join the globally connected Thunderbird alumni network (https://thunderbird.asu.edu/alumni?action (https://thunderbird.asu.edu/alumni?action)) that opens doors and opportunities all over the planet.

Specializations
Thunderbird's Master of Leadership and Management degree program offers optional specializations. Students can focus their coursework in global and public affairs (delivered in English) and data analytics, financial management or global business (delivered in Mandarin).

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
TAM 541 Strategy in a Competitive World (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Two years of work experience is preferred but not required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Global Opportunities:
Global Experience:
Students in the Master of Leadership and Management program have the unique opportunity to apply their learning in an international setting. Some options include:

Global Field Seminars --- During this course students experience an intensive, one-week immersion in-country. Students enjoy a hands-on learning experience in a focused region of the world comprised of company site visits, and high-level meetings and presentations with business, government and cultural leaders as well as Thunderbird alumni. Through these interactions, students learn the challenges and opportunities that make doing business in the region unique.

Thunderbird Global Challenge Laboratories --- This is a client-facing, project-based course that involves a one-week immersion in-country. Projects are tailored to the business needs of the client and provide sophisticated data and market analysis; strategy recommendations; and practical, effective plans for sustained growth. For more information, students should visit the Global Challenge Lab website at https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

The program fee for one Global Field Seminar or Global Challenge Lab experience is included in the tuition and fees for the Master of Leadership and Management degree. Airfare and incidental expenses are extra.

Career Opportunities:
More than ever, today's global organizations need versatile leaders and managers with creative problem-solving skills who can elevate diverse teams across cultures in multiple markets around the world. The Master of Leadership and Management program prepares graduates to lead in all sectors: government, private enterprise, NGOs and nonprofits.

Career examples include:

  • compensation and benefits managers
  • financial analysts
  • human resources managers
  • logistics analysts
  • logistics managers
  • management analysts
  • marketing managers

- sales managers
- supply chain managers

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu/degrees/online/master-applied-leadership-management
 TGHB 209
MALMadvising@thunderbird.asu.edu
602-496-7100

Health Solutions, College of

Audiology, AuD (LAAUDAUDD)

Online Degree Search Title: Audiology, AuD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The three-year course of study for the AuD degree consists of basic science coursework, professional knowledge coursework and clinical practicum experiences. Full-time commitment is critical because graduate courses are offered once per academic year. In addition, course content and the sequence of courses are closely tied to clinical practicum assignments. Moreover, full-time enrollment assures timely completion of the program.

Students have the option of graduating after the completion of the three-year program of study or enrolling in a clinical externship during their fourth year for up to an additional three credit hours of clinical training. A minimum of 850 hours of clinical training is required for graduation and is obtained during the first three years of training. Additional practicum hours toward the 1,820 hours required for the Certificate of Clinical Competence in Audiology, also known as CCC-A, by the American Speech-Language-Hearing Association can be met during completion of the fourth year externship under the supervision of an ASHA-certified audiologist. The remaining clinical clock hours for ASHA certification can also be met after graduation. However, students should be aware of state licensure requirements when making the determination of whether or not to complete an externship. Initial licensure in some states may require the completion of the externship.

Degree Requirements:
88 credit hours, a written and oral comprehensive exam.

Required Core (58 credit hours)
SHS 502 Basic Audiometry (4)
SHS 504 Amplification I (4)
SHS 505 Sign Language for Audiologists and Speech Pathologists (2)
SHS 508 Pediatric Audiology (3)
SHS 510 Amplification II (3)
SHS 511 Auditory Perception by the Hearing Impaired (3)
SHS 513 Neurophysiology of the Auditory System (3)
SHS 516 Auditory Evoked Potentials (4)
SHS 517 Balance Assessment (4)
SHS 518 Rehabilitative Audiology (3)
SHS 520 Auditory Pathologies/Disorders and Otoneurologic Applications (4)
SHS 522 Tinnitus/Advanced Audiometry (3)
SHS 523 Central Auditory Processing Disorders (4)
SHS 524 Counseling in Communication Disorders (2)
SHS 525 Audiology Practice Management (3)
SHS 526 Launch to Clinical Methods in Audiology (1)
SHS 552 Physiological Measures of Auditory Function (4)
SHS 555 Cochlear Implants (4)

Other Requirements (27-30 credit hours)
SHS 500 Research Methods (3)
SHS 580 Clinical Practicum (8)
SHS 584 Clinical Internship (12)
SHS 589 Audiology Grand Rounds (4)

SHS 590 Reading and Conference (Audiology Clerkship) (0-3)
American Speech-Language-Hearing Association Praxis national certification examination in audiology (0)

Electives and Research (3 credit hours)

Culminating Experience
written and oral comprehensive exam

Additional Curriculum Information
Students have the option to continue enrollment in SHS 590 at one credit per semester for up to three semesters for the additional training experience and to complete the externship requirements of the ASHA certification if desired. These extra hours of clinical experience allow students to apply for ASHA certification upon graduation or for state licensure for certain states. Students should maintain continuous enrollment and not apply for graduation until they have completed the additional clinical hours for the certification.

Since certification and licensure requirements vary by profession and from state to state, the College of Health Solutions recommends students visit the ASU licensure website at https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure) to determine if their program meets the requirements of individual state licensures or national certifications, as applicable. The decision to complete an externship or not is an individual decision based on career objectives and desired state of licensure among other factors.

In addition to the Graduate College requirements, eligibility for graduation is based upon the following:

Formative Exam (Year 1)
Students must pass a formative exam given at the end of the first academic year of the program. This is a 100-question, multiple-choice test covering the content of the courses taken during the fall and spring semesters. Students receiving scores of less than 70% are given one opportunity to retake the exam.

Summative Exam (Year 3)
Students must pass a summative exam in the fall of the third academic year of the program. This is a comprehensive written and oral exam pertaining to clinical case diagnosis and management. One retake is allowed if the student does not pass on the initial attempt.

National Certification Exam (Praxis)
All students pursuing the Doctor of Audiology degree must pass the praxis examination in audiology as a graduation requirement. There are no credit hours tied to it. The Praxis exam result must be sent directly from the Education Testing Service to the ASU audiology program office in order to process the graduation approval.

Clinical Clock Hours
Students must successfully complete 850 hours of supervised clinical clock hours as accrued between on-campus clinic, off-campus internship sites and possible simulation opportunities.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in speech and hearing science or another related discipline from a regionally accredited institution. Applicants with degrees in related fields, such as nursing, education and any of the biological sciences, may apply, although they may be admitted as leveling students and must complete at least one year of prerequisite courses in speech and hearing science at the undergraduate level.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Upon receipt of application a timed writing statement will be administered as part of the first stage of the admissions process. Applicants meeting the first-stage admissions criteria will be notified and invited to provide additional information to complete the second stage of the admissions process. All other applicants will be denied admission. Invited applicants who wish to continue the application process must provide a seven- to ten-minute video introducing themselves and answering several questions from the admission committee. The same questions are given to all

applicants along with instructions about format and submission. Applicants who do not submit a video and writing sample are denied admission. The committee may ask to schedule an interview to ascertain additional information from applicants after reviewing the recorded video and will make final decisions regarding admission. Space is available for a total of 15 students. Invitations will be sent by the beginning of February with a deadline for video submission in mid-February.

The personal statement should not exceed 300 words and should describe the reasons for pursuing graduate study in audiology; successful applicants submit statements that are free of grammatical errors and demonstrate proficiency in written communication.

Letters of recommendation should outline the applicant's potential success for graduate-level coursework. Letters from faculty members are most useful. A standard form is not used; letters should be submitted on letterhead from the recommender's institution.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Understand and apply the foundations of clinical practice that provide the building blocks for professional, evidence-based practice of audiology.
- Analyze and evaluate clinical information by graduation.
- Meet eligibility criteria for certification and/or licensure in Audiology.

Career Opportunities:
A career as an audiologist offers fulfilling work with an exceptional work-life balance. Graduates who complete the Doctor of Audiology degree find rewarding careers in hospitals, physician's offices, audiology clinics, school districts and industry. Careers associated with a doctoral degree in audiology and areas of specialization include:

- audiologist
- cochlear implant audiologist
- cochlear implant manufacturer representative
- educational audiologist
- hearing aid manufacturer representative
- intraoperative monitoring
- manufacturer representative
- pediatric audiologist
- research audiologist
- vestibular audiologist

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/audiology-aud
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Auditory and Language Neuroscience, MS (NHALNEUMS)
Online Degree Search Title: Auditory and Language Neuroscience, MS
Campus: Tempe

Program Description:
The MS program in auditory and language neuroscience trains scholars in basic and applied research in the fields of auditory and language neuroscience to prepare them for doctoral-level graduate studies as well as for positions in science, health care and industry.

In addition to innovative coursework in neuroscience, this program includes hands-on training in instrumentation such as neuroimaging, neurophysiology and clinical research applications. Students develop a strong foundation that enables them to conduct impactful neuroscience research related to auditory and language processing and human communication.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Speech and Hearing Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
31 credit hours including a thesis, or 31 credit hours including an applied project course (SHS 593).

Required Core (6 credit hours)
SHS 541 Data Analysis in Auditory and Language Neuroscience (3)
SHS 542 Applied Research Methods in Auditory and Language Neuroscience (3)

Restricted Electives (12 credit hours)

Research (6 credit hours)
SHS 592 Research (6)

Other Requirement (1 credit hour)
SHS 590 Reading and Conference (1)

Culminating Experience (6 credit hours)
SHS 593 Applied Project (6) or
SHS 599 Thesis (6)

Additional Curriculum Information
For restricted electives, students should see the academic unit for an approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In the letter of intent or written statement, applicants should indicate potential research mentors with whom they are interested in working. Letters of recommendation preferably are written by instructors, research mentors or clinical supervisors who can speak to the applicant's aptitude for research and master's-level coursework.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Critically analyze and synthesize knowledge from the neuroscience research literature related to language and/or hearing.
- Demonstrate competence in experimental design, data collection, data analysis, and interpretation of neuroscience research related to language and/or hearing.

•Identify and describe principles and concepts related to the responsible conduct of research.

Career Opportunities:
Graduates have acquired the experience with clinical and medical applications of their neuroscience-related expertise and the skills gained in lab rotations that give them increased marketability and enable them to be competitive for jobs in technology or for further doctoral level training.

In the tech field, there has been significant interest in the areas of deep learning and artificial intelligence for speech. These fields rely on computational models of speech perception and production to perform automated tasks such as speech and speaker recognition.

Employment opportunities for graduates include team settings in clinical research centers and hospitals; with manufacturers of hearing aids, cochlear implants and EEG systems or augmentative and alternative communication applications; and with software development companies working with speech recognition programs and brain-computer interfaces.

Career examples include:

- data analyst
- educator
- laboratory technician or manager
- product developer
- public relations specialist or spokesperson for a research institute or device manufacturer
- research scientist

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/auditory-and-language-neuroscience-ms
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Behavioral Health, DBH (LSBEVHEDBH)

Online Degree Search Title: Behavioral Health, DBH
Campus: Online

ASU is not currently accepting applications for this program. Applicants interested in the Doctor of Behavioral Health program should apply directly to the clinical or management concentrations.

Program Description:
The DBH is an innovative and interdisciplinary applied program designed to upgrade master's degree-level professionals, preparing them to become experts in the emerging field of integrated behavioral care.

Integrated care is the holistic treatment of both medical and behavioral conditions. When undetected and untreated, whether in primary care or other medical settings, the results are poor clinical outcomes and increased medical costs related to overuse of medical services. A key recommendation in health care reform is improved integration of medical and behavioral care in order to both improve health outcomes as well as decrease health care costs.

The doctoral curriculum is explicitly focused on graduating experts who can both speak the language of evidence-based clinical interventions and the perform cost savings and return on investment analyses that are in high demand in new models of accountable care delivery. Traditional doctoral training does not prepare clinicians or managers with the interdisciplinary knowledge required to meet these new demands in the health care marketplace. This program reflects a paradigm shift to a curriculum based on business entrepreneurship skills, such as business plans, marketing and returns on investment specific to health care; evidence-based behavioral interventions for primary care that are efficient and contribute to cost savings by reducing unnecessary medical care services and costs; health care systems policies, economics and finance that respond to emerging opportunities in health care reform; and medical literacy, to understand common medical conditions seen in primary care and consult effectively with the medical team.

The curriculum is unique in that it incorporates internship experience in primary care or similar medical settings, and it integrates clinical and professional affiliated faculty as well as faculty associates who are experts and are directly employed in health care environments in the area that they are teaching. It is a flexible, online degree program that enables students to select a program of study ranging from part-time to full-time attendance, and it is available through ASU Online as a distance-learning program. The program offers either a clinical track for licensed clinicians or a management track for health care managers and leaders, and it replaces the dissertation with a culminating research project that combines an applied research study with a business plan.

Internship experiences are arranged with local site liaisons, and students meet in small groups with a doctoral consultant who leads case reviews and studies. Rural health and experiences with disadvantaged and multicultural populations are encouraged.

Graduates of the program contribute to a societal transformation by leading to improved access to behavioral care, integration of a behavioral provider on the medical team, improved patient outcome and satisfaction and decreased cost of care.

Degree Requirements:
84 credit hours including the required applied project course (IBC 793).

Required Core (18 credit hours)
HCD 501 Biostatistics and Data Management (3)
IBC 586 Behavioral Health Professional Writing Style (3)
IBC 611 Population-Based Behavioral Health Management (3)
IBC 614 Quality and Performance Measurement, Improvement, and Incentives in Health Care (3)
IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Electives (57 credit hours)

Other Requirement (3 credit hours)
IBC 684 Internship (3)

Culminating Experience (6 credit hours)
IBC 793 Applied Project (6)

Additional Curriculum Information
In order to use the 30 credits from a previously awarded master's degree, applicants must possess a bachelor's degree and master's degree from a regionally accredited postsecondary institution in the U.S. or an equivalent degree from an recognized international postsecondary institution.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (on a 4.00 scale) in the applicable master's degree.

All applicants must submit an online graduate admission application. Applicants should see specific concentrations for the items that must be submitted.

Additional Application Information
An applicant whose native language is not English must meet university and degree program English proficiency requirements regardless of current residency.

In order to use the 30 credits from a previous master's degree, applicants must possess a bachelor's degree and a master's degree from a regionally accredited postsecondary institution in the U.S. or an equivalent degree from a recognized international postsecondary institution.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Behavioral Health (Clinical), DBH (NHBVHCDBH)

Online Degree Search Title: Behavioral Health (Clinical), DBH

Campus: Online

Program Description:
The DBH is a global, interdisciplinary degree program that offers an innovative curriculum, a hands-on internship placement in primary care, and an applied research project for domestic and international students who are already licensed, or license eligible, to practice in a clinical field. The DBH program of study does not support a pathway to licensure.

Clinical concentration students learn how to develop and implement evidence-based interprofessional practices that are tailored to fit the needs of the local community, patient populations and health care systems. Students are prepared to anticipate trends in health care policy and to leverage their expertise using clinical practice skills, quality improvement approaches, population health strategies and health care cost management to thrive in the evolving health care marketplace.

The curriculum addresses the problem of poor health outcomes, barriers to patient access, and rising health care costs by preparing students to achieve the Quadruple Aim in health care of: improved patient experience of care, population health management, cost savings and improved team satisfaction. Students learn to demonstrate cost savings and return on investment by developing a business case for integrated care. With a focus on team-based, whole person care, students learn strategies to improve team satisfaction that integrates behavioral health into traditional medical settings.

The student learning experience includes easy access to online articles, videos and websites, weekly live webinars led by faculty experienced in the field, live peer student interactions and written assignments that parallel the writing used for clinical and business proposals.

In the culminating project, students address a primary care clinic's clinical, operational or financial challenge using the quality improvement model to solve key problems. Examples include how to support improved patient outcomes, improve organizational processes and integrated care clinical outcomes, or decrease provider stress and burnout by training them to use resources more efficiently.

The internship program is hands-on in a local primary care clinic with in-person consultation by a licensed faculty member in a weekly small group webinar format. Students also have a site preceptor with whom they collaborate in support of the patient-centered medical home and accountable care organization approaches to primary care. Students on the clinical track are independently licensed in their respective fields, and collaboratively work with their internship site preceptor who is a trained medical professional not necessarily in their field of practice. This is consistent with an interprofessional team approach.

Students may join special research projects or have the opportunity for a semester of study abroad. The faculty are seasoned professionals and content experts representing clinical practice, management and applied research in integrated care.

Degree Requirements:
84 credit hours including the required applied project course (IBC 793).

Required Core (18 credit hours)
HCD 501 Biostatistics and Data Management (3)
IBC 586 Behavioral Health Professional Writing Style (3)
IBC 611 Population-Based Behavioral Health Management (3)
IBC 614 Quality and Performance Measurement, Improvement and Incentives in Health Care (3)
IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (15 credit hours)
IBC 601 Models of Integrated Primary Care (3)
IBC 603 Brief Interventions in Primary Care (3)
IBC 604 Clinical Medicine/Pathophysiology (3)
IBC 609 Clinical Neuropathophysiology (3)

Electives or Research (39 credit hours)

Other Requirement (6 credit hours)
IBC 684 Internship (6)

Culminating Experience (6 credit hours)
IBC 793 Applied Project (6)

Additional Curriculum Information
The program may allow up to 30 credit hours from a previously awarded master's degree or other courses approved by the supervisory committee with Graduate College approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (on a 4.00 scale) in the applicable master's degree.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• copy of the applicant's license or license eligibility
• one professional letter of recommendation
• updated curriculum vitae or resume
• program policies acknowledgements
• video or webcam admission interview (if indicated)
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants with master's degrees in counseling, family therapy, nursing, occupational health and social work, among others, are encouraged to apply. Applicants must be master's degree-level professionals who are either currently employed or aspire to be employed in a clinical capacity within integrated health care.

Licensed and license-eligible are terms defining a license to practice issued by a state licensing board (e.g., Arizona Board of Behavioral Health Examiners, Arizona Board of Occupational Therapy Examiners, etc.). Examples include license-eligible master's degree-level behavioral clinician, licensed master's degree-level behavioral clinician, and master's degree-level licensed medical or ancillary health care provider (nurse, dietitian, occupational therapist).

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-clinical/)

Career Opportunities:

Graduates of the clinical concentration program have the skills to move into clinical leadership and management positions across health care settings. They are well prepared to develop and manage programs related to integrated behavioral health care.

Potential job titles include:

• behavioral health provider, consultant or specialist in primary care and other medical settings
• CEO of integrated care
• clinical team manager
• director of clinical services or operations
• health and wellness manager
• integrated care clinical provider
• integrated care manager or consultant
• integrated health care manager or specialist
• wellness program administrator

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/behavioral-health-clinical-dbh
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Behavioral Health (Management), DBH (NHBVHMDBH)

Online Degree Search Title: Behavioral Health (Management), DBH

Campus: Online

Program Description:
The DBH is a global, interdisciplinary degree program that offers an innovative curriculum, a hands-on internship placement in health care settings, and an applied research project for domestic and international students.

Integrated health care is the team-based, coordinated approach to the treatment of medical and behavioral health issues, lifestyle issues and behaviors that affect health, all in one setting. The management concentration of the Doctor of Behavioral Health program provides students the knowledge and skills needed for management of integrated health care programs. Students learn about the impact of social determinants of health and health disparities and how to leverage resources to contain costs while ensuring the provision of quality health care.

The program enables both domestic and international students to tailor learned innovative management practices to local health system geography, culture and policy. The curriculum focuses on integrated health management in primary care, especially in the patient-centered medical home and accountable care organization models, and focuses on three areas: integrated behavioral health program design, quality and performance measurement, and business entrepreneurship. The curriculum includes emerging health technologies such as integrated health measures in electronic health records, mobile health applications and wearable technology to facilitate and assist with tracking health behavior change, big data and analytics.

Graduates of the management concentration are positioned to achieve the Quadruple Aim in health care: improved patient experience of care, population health management, cost savings and improved health care team experience. They are expected to apply entrepreneurial concepts and skills to promote integrated health programs with key stakeholders, such as medical directors and chief executive officers.

The Doctor of Behavioral Health program of study does not support a pathway to clinical or other licensure.

Degree Requirements:
84 credit hours including the required applied project course (IBC 793).

Required Core (18 credit hours)
HCD 501 Biostatistics and Data Management (3)
IBC 586 Behavioral Health Professional Writing Style (3)
IBC 611 Population-Based Health Management (3)
IBC 614 Quality and Performance Measurement, Improvement, and Incentives in Health Care (3)
IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (18 credit hours)
HCD 602 Health Informatics for Future Healthcare Professionals (3)
IBC 601 Models of Integrated Primary Care (3)
IBC 626 Behavioral Health Management (3)
IBC 630 Financial Management of Health Care (3)
IBC 660 Healthcare Legal, Ethical, and Professional Issues (3)
IBC 740 Integrated Behavioral Interventions, Cost Savings, Medical Cost Offset and Return on Investment (3)

Electives or Research (39 credit hours)

Other Requirement (3 credit hours)
IBC 684 Internship (3)

Culminating Experience (6 credit hours)
IBC 793 Applied Project (6)

Additional Curriculum Information
The program may allow up to 30 credit hours from a previously awarded master's degree or other courses approved by the supervisory committee with Graduate College approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (on a 4.00 scale) in the applicable master's degree.

All applicants must submit:
- graduate admission application
- official transcripts
- personal statement
- one professional letter of recommendation
- updated curriculum vitae or resume
- program policies acknowledgements
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

As part of the admissions process, applicants may need to complete an interview through video conference software or submit a previously recorded video.

Applicants with master's degrees in business administration, public health, nursing, counseling, behavioral health, health care administration and social work, among others, are encouraged to apply. Applicants must be master's degree-level professionals who are either currently employed or aspire to be employed in a clinical capacity within integrated health care.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-management/)

Career Opportunities:

Graduates of the management concentration in the Doctor of Behavioral Health program have the organizational understanding and management skills required to move into leadership and management positions across health care settings. They are well prepared to develop and manage programs related to integrated behavioral health care and choose careers such as integrated care practice managers and leadership positions in integrated care delivery systems, health plans and managed care organizations as well as positions as integrated care industry consultants.

This program does not prepare non-clinicians for clinical practice.

Potential job titles include:

- behavioral health staff coordinator
- CEO or director of integrated care
- director of physician relations
- health and wellness manager
- integrated care manager
- member services manager
- operational care manager or team leader
- practice managers and facilitators
- quality improvement manager
- wellness program administrator

Contact Information:

Health Solutions, College of
College of Health Solutions
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Biomedical Diagnostics, MS (NHBMDMS)

Online Degree Search Title: Biomedical Diagnostics, MS
Campus: Online

Program Description:

The MS program in biomedical diagnostics can be completed in one year, if enrolled full-time. The flexible, innovative degree program is offered in condensed sessions through ASU's unique online framework.

Four areas provide the progressing foundation of the degree program:

- science of diagnostics
- technology of diagnostics
- business of diagnostics
- application of diagnostics

Students complete a culminating experience in which they work on a team-based project with an ASU professor and industry partner on a topic relevant to the diagnostics field.

Degree Requirements:
31 credit hours including an applied project (BMD 593).

Required Core (19 credit hours)
BMD 502 Foundations of Biomedical Informatics Methods I (3)
BMD 510 Current Perspectives in Biomedical Diagnostics (3)
BMD 511 Health Economics, Policy, and Payment Models (3)
BMD 513 Principles of Diagnostic Technology: Immunoassays (4)
BMD 514 Principles of Diagnostic Technology: Molecular Diagnostics (3)
BMD 667 Regulation of Medical Diagnostics (3)

Electives (6 credit hours)

Research (3 credit hours)
BMD 592 Research (3)

Culminating Experience (3 credit hours)
BMD 593 Applied Project (3)

Additional Curricular Information
Students should see the academic unit for an approved elective list of BMD courses. They should note that BMD 592 and BMD 593 are contiguous courses and cannot be taken in different years.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university in one of the following fields, or a closely related field: biomedical informatics, biology, life sciences, chemistry, biochemistry, engineering, biomedical engineering, business, computer science, supply chain management, health sciences or medical studies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- statement of purpose
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Graduate College requirement https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Admission examinations are not required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomedical-diagnostics/)

Career Opportunities:

Professional opportunities are quite broad and depend on the individual's educational and work backgrounds as well as the personal interests of the student. Graduates can pursue diverse options such as executive leadership or entrance to medical school. The following career examples are just a small portion of the possibilities:

- account manager
- clinical laboratory management
- clinical laboratory technologist
- clinical research coordinator
- quality analyst
- marketing manager
- product manager
- research analyst
- sales representative

Contact Information:

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Biomedical Informatics, MS (ESBIOINFMS)

Online Degree Search Title: Biomedical Informatics, MS
Campus: Tempe

Program Description:

The MS in biomedical informatics offers students the opportunity to become professionals who use biomedical data, information and knowledge to improve human health.

Students in the master's program learn problem-solving, theory and the methodologies underlying the field of biomedical informatics. They take courses in areas such as knowledge representation, clinical environments, imaging, bioinformatics and data science. Core courses provide a background in clinical informatics, while electives allow specialization in focus areas such as data science or mobile health.

Biomedical informatics fosters collaborations among academic researchers, clinical practitioners and regional health care providers to apply new developments in informatics theory to clinical practice. The program educates students in the informatics knowledge and skills that will enable them to:

- detect disease early
- improve the quality of patient health care and reduce its cost
- improve the patient hospital experience
- improve the precision of diagnosis
- minimize hospital visits

Biomedical informatics has a key role to play in the transition to more effective and efficient health care through the use of knowledge and information technology.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biomedical Informatics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

32 credit hours including an applied project (BMI 593).

Required Core (17 credit hours)

BMI 502 Foundations of Biomedical Informatics Methods I (3)
BMI 505 Foundations of Biomedical Informatics Methods II (3)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
BMI 540 Problem Solving in Biomedical Informatics (3)
BMI 570 BMI Symposium (2)
BMI 601 Fundamentals of Health Informatics (3)

Other Requirements (3 credit hours)
BMI 404 Clinical Environments (3) or
BMI 504 Introduction to Clinical Environments (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
BMI 593 Applied Project (3)

Additional Curriculum Information
Six credit hours of electives must be BMI courses.

Core course BMI 570 is one credit hour taken twice for a total of two credit hours.

BMI 404 or 504 is required and may be substituted with other coursework with approval of the academic unit.

Due to the diverse academic backgrounds of students requesting admission into this program, many will find it necessary to take some coursework in preparation. However, all students take 32 credit hours of graduate-level coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology, computer science, engineering, nursing or statistics from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • three letters of recommendation
  • GRE scores
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via TOEFL scores regardless of current residency.

Applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds also will be considered. However, all applicants must have basic competencies in college-level calculus (similar to MAT 270), general biology (similar to BIO 188) or physiology, statistics (similar to STP 226) and basic computer programming (similar to CSE 100 or CSE 110).

The applicant's undergraduate GPA, statement of purpose and depth of preparation in their field are the primary factors affecting admission. Every applicant must submit scores for the GRE or any other graduate-level entry examination.

Career Opportunities:
Professionals with advanced training in biomedical informatics are in high demand across a variety of sectors and industries, including academics institutions, not-for-profit research institutes, governmental and public health agencies, health care organizations, as well as information technology, biotech and pharmaceutical industries. Graduates can also pursue entrance to medical school.

Career examples include:

  • research scientist
  • data scientist

- analyst
- product manager
- account manager

Contact Information:
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Biomedical Informatics, PHD (ESBMIPHD)

Online Degree Search Title: Biomedical Informatics, PhD
Campus: Tempe

Program Description:
The PhD program in biomedical informatics allows students to develop expertise in areas such as bioinformatics, clinical informatics, population health management and imaging science. The biomedical informatics program fosters collaborations among academic researchers, health care providers and industry partners to apply new developments in informatics theory to clinical practice, biomedical research and public health.

Additional specialization coursework in an area of focus and emphasis on independent research places students at the leading edge of the field. Strong collaborative relationships with a variety of health care organizations, the bioscience industry and governmental agencies provide an unparalleled opportunity for doctoral students to explore and contribute to advances in informatics. Students may explore cross-cutting areas such as data science and artificial intelligence.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (22 credit hours)
BMI 502 Foundations of Biomedical Informatics Methods I (3)
BMI 504 Introduction to Clinical Environments (3)
BMI 505 Foundations of Biomedical Informatics Methods II (3)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
BMI 540 Problem Solving in Biomedical Informatics (3)
BMI 560 Teaching in Biomedical Informatics (2)
BMI 570 BMI Symposium (2)
BMI 601 Fundamentals of Health Informatics (3)

Electives (32 credit hours)

Research (18 credit hours)
BMI 792 Research (18)

Culminating Experience (12 credit hours)
BMI 799 Dissertation (12)

Additional Curriculum Information
Due to the diverse academic backgrounds of students requesting admission into this program, many find it necessary to take some coursework in preparation. However, all students take 84 credit hours of approved graduate-level coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- statement of purpose
- 3 letters of recommendation
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Scores for the TOEFL for applicants whose native language is not English is required.

An applicant should have earned a bachelor's degree in biology, computer science, engineering or statistics, or be trained as a post-baccalaureate health professional in medicine, nursing or pharmacy. Those who have earned degrees in other fields with appropriate academic backgrounds are also considered. All applicants must have basic competencies in bioscience, computer programming, and statistics.

The applicant's undergraduate GPA, statement of purpose, GRE scores (verbal, quantitative and analytical are required; the subject test is optional) and depth of preparation in their field are the primary factors affecting admission.

Career Opportunities:

Professionals with advanced training in biomedical informatics are in high demand across a variety of sectors and industries, including academics institutions, not-for-profit research institutes, governmental and public health agencies, health care organizations, as well as information technology, biotech and pharmaceutical industries.

Career examples include:

- bioinformatics scientist
- biostatistician
- data scientist
- deep learning engineer
- public health informatics scientist
- research scientist
- senior analyst
- software engineer
- university faculty

Contact Information:

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Clinical Exercise Physiology, MS (NHCEPMS)

Online Degree Search Title: Clinical Exercise Physiology, MS
Campus: Downtown Phoenix

Program Description:

The MS in clinical exercise physiology degree program prepares students for careers as clinical exercise physiologists.

Students learn how to use primary and secondary prevention strategies to improve, maintain or abate declines in fitness and health in populations ranging from children to older adults. They learn to collaborate with medical professionals to guide exercise and rehabilitation programs for at-risk clients and clients with chronic diseases.

This program provides the knowledge, clinical experience and skills needed by individuals preparing for successful completion of the registration examination for the certification.

American College of Sports Medicine is the national association responsible for establishing guidelines and recommendations for exercise testing, prescription and evaluation of research for both healthy populations and those with chronic disease. ACSM certification is deemed the organization's most prestigious credential for clinical professionals who have a master's degree and 600 hours of hands-on clinical experience.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Clinical Exercise Science, BS
> Kinesiology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
31 credit hours and a written comprehensive exam, or 31 credit hours, a thesis, a written comprehensive exam and an oral comprehensive exam.

Required Core (21 credit hours)
EXW 501 Research Statistics (3)
EXW 535 Advanced Exercise Assessment and Prescription (3)
EXW 542 Health Promotion (3)
EXW 560 Cardiopulmonary Rehabilitation (3)
EXW 565 Cardiovascular and Pulmonary Physiology (3)
EXW 568 Management and Treatment of Chronic Disease for the Clinical Exercise Physiologist (3)
KIN 547 ECG Interpretation (3)

Electives (1 credit hour)
EXW 591 Seminar (1)

Other Requirement (3 or 9 credit hours)
EXW 500 Research Methods (3), or
EXW 515 Advanced Exercise Physiology (3) and EXW 584 Clinical Exercise Physiology Internship (6)

Culminating Experience (0-6 credit hours)
written comprehensive exam, or
EXW 599 Thesis (6)

Additional Curriculum Information
This program has a thesis option or a non-thesis option. Students in the thesis option must take EXW 500 Research Methods. Students selecting the non-thesis option must complete a clinical internship of six credit hours EXW 584 Clinical Exercise Physiology and take EXW 515 Advanced Exercise Physiology.

All students must pass a written comprehensive exam. Thesis students must also pass an oral comprehensive exam.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in exercise science, exercise physiology, kinesiology or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • GRE scores
  • letter of intent
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A foreign language exam is not required.

One letter of recommendation must be submitted by an academic reference from major coursework. All qualified applicants are admitted providing they have met all requirements for admission. Admission is not limited to any target number of students unless enrollment exceeds the projected

capacity of the program to provide an adequate, quality program. In the case of space limitations, applicants are prioritized based on GRE scores, GPA, letters of reference and letter of intent for admission to the program.

Career Opportunities:
Clinical exercise physiology, in which exercise is used to help clients manage or reduce their risk of chronic disease, is a relatively new career field. It is an exciting and growing profession in the health care realm that has recently been organized on the national level, recognized by the federal government and defined as an occupation. The unique and vital profession will grow as certifications and licensures support the value of clinical exercise physiology.

Career opportunities are available in:

- hospital-based research facilities
- hospitals
- outpatient clinics
- physician offices
- university laboratories

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Communication Disorders, MS (LACOMDISMS)

Online Degree Search Title: Communication Disorders, MS
Campus: Tempe

Program Description:
The MS program in communication disorders prepares students to become certified speech language pathologists in a full-time residential program that can be completed in 20 months. The program trains students to evaluate and treat clients with speech, language, cognitive and swallowing disorders.

The first year develops knowledge and skills for the assessment and treatment of communication disorders in people of all ages. Students complete clinical practicum with clinical faculty educators. In the second year, students acquire additional clinical skills with two full semesters of external placements.

This program offers research and clinical opportunities in different settings, including inpatient and outpatient medical sites, public schools, early intervention programs and private practices. A part-time employment program is available for speech-language pathology assistants in public schools. Those seeking specialized training can pursue a multicultural and multilingual certificate.

The program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

Degree Requirements:
60 credit hours and a thesis, or 60 credit hours and a written comprehensive exam.

Required Core (34 credit hours)
SHS 538 Clinical Methods and Simulation in Speech-Language Pathology (4)
SHS 539 Professional Issues in Speech-Language Pathology (2)
SHS 567 Neural Bases of Communication Disorders (2)
SHS 570 Communication Disorders and Multicultural Populations (2) or SHS 597 Bilingual Speech-Language Pathology (2)
SHS 571 Augmentative Communication and Language Programming (2)
SHS 572 Language Assessment and Intervention in Infants and Toddlers (2)

SHS 573 Language Assessment and Intervention with School-Age Populations (2)
SHS 574 Management of Feeding and Swallowing Disorders (2)
SHS 575 Aphasia and Related Neurogenic Language Disorders (2)
SHS 577 Current Assessment, Intervention and Research in Autism (2)
SHS 578 Fluency Disorders (2)
SHS 579 Voice and Resonance Disorders (2)
SHS 581 Traumatic Brain Injury and Cognitive Linguistic Disorders (2)
SHS 582 Differential Diagnosis of Communication Disorders (2)
SHS 585 Articulation and Phonology: Assessment and Intervention (2)
SHS 587 Language Assessment and Intervention with Preschool Populations (2)

Electives (0 or 6 credit hours)

Other Requirements (20 credit hours)
SHS 500 Research Methods (1)
SHS 580 Clinical Practicum (9)
SHS 584 Clinical Internship (10)
American Speech-Language-Hearing Association Praxis national exam in speech language pathology (0)

Culminating Experience (0 or 6 credit hours)
written comprehensive exam (0) or
SHS 599 Thesis (6)

Additional Curricular Information
SHS 538 and 539 are each taken twice across consecutive fall/spring semesters. The content for each semester is different and the spring class builds upon content covered in the fall.

Students in the nonthesis option take six credit hours of electives. Students should see the academic unit for an approved list of elective courses.

Both the thesis and nonthesis options require the American Speech-Language-Hearing Association Praxis national exam in speech language pathology. For the nonthesis option, a department-administered comprehensive examination in speech-language pathology is required in addition to the national exam.

Eligibility for graduation is based upon a passing score on the American Speech-Language-Hearing Association Praxis national certification examination in speech-language pathology; successful completion of the thesis or nonthesis option, including the required culminating experience and academic credits; and successful completion of clinical experiences.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in speech and hearing science or a related field from a regionally accredited institution and completed prerequisite coursework in speech and hearing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement not to exceed 300 words
  • email addresses of three recommenders
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines and admission terms. Candidates who have undergraduate deficiencies may need to take required prerequisite courses.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Generate recommendations for clients by synthesizing in-depth knowledge of communication and swallowing processes including etiologies,

characteristics, anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.

   •Formulate prevention, assessment and treatment options for clients with communication and swallowing disorders

   •Demonstrate skill based competency in the evaluation and treatment of people across the life span with communication, speech, language, literacy, cognition and swallowing difficulties.

   •Function in their role as a speech-language pathologist including active utilization of interprofessional collaboration, interpersonal skills, counseling skills, supervision, advocation for individuals who need services as well as the ability to act in accordance with the ethical, legal and philosophical principles of the speech-language pathology profession and the American Speech-Language-Hearing Association.

   •Evaluate evidence based resources using scientific foundation principles to justify an approach to service provision as a speech-language pathologist

Career Opportunities:

Speech-language pathologists evaluate speech, cognitive, hearing and language test results, swallow results, or medical or background information to diagnose and plan treatment for speech, language, fluency, voice or swallowing disorders.

There are many opportunities to work with culturally and linguistically diverse populations. Speech-language pathologists collaborate with other professionals on a daily basis. People who value relationships, independence and helping others achieve optimal performance are a great fit for this career.

Speech-language pathologists are in high demand and can find employment in a wide range of settings including schools, private practice, early intervention programs, and medical centers, hospitals and clinics. Employment rates are extremely high, especially in school settings.

Career settings include:

- all levels of schools, including elementary, middle and high school
- early intervention settings, including home health
- inpatient and acute care hospitals
- neonatal intensive care units
- outpatient rehabilitation
- pediatric outpatient centers

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Communication Disorders in Multilingual/Multicultural Populations (certificate), Certificate (NHCDMPGRCT)

Online Degree Search Title: Communication Disorders in Multilingual/Multicultural Populations (Graduate Certificate)
Campus: Tempe

Program Description:

The certificate program in communication disorders in multilingual and multicultural populations provides expanded coursework on working with adults, children and families who are culturally and linguistically diverse. It also offers enhanced academic classes, clinical experience in authentic community-based settings and engagement in community-centered, interprofessional projects.

Students who complete the certificate program have the knowledge and practical experience to effectively address the needs of culturally and linguistically diverse adults, children and families.

Degree Requirements:

17 credit hours including an applied project (SHS 593).

Required Core (11 credit hours)
SHS 524 Counseling in Communication Disorders (2)
SHS 570 Communication Disorders and Multicultural Populations (2)
SHS 586 Language Essentials for Teaching Reading (2)
SHS 588 Bilingual Language Acquisition (3)
SHS 597 Bilingual Speech-Language Pathology (2)

Other Requirement (4 credit hours)
SHS 584 Clinical Internship (4)

Culminating Experience (2 credit hours)
SHS 593 Applied Project (2)

Additional Curriculum Information
The culminating experience is an applied, community-based project that builds depth of knowledge resulting in a paper that students must present to the academic unit.

As part of the certificate requirements, students also must complete an online module on parent training with culturally and linguistically appropriate techniques.

Students who wish to obtain a bilingual endorsement must complete the Arizona Classroom Teacher Spanish Proficiency Examination administered by the School of International Letters and Cultures.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the certificate program if they are enrolled in the MS program in communication disorders at ASU.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • letter of intent or written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will need to first apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Candidates who have undergraduate deficiencies may need to take required prerequisite courses.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Adapt communication, assessment, and treatment to meet the cultural and linguistic diversity of the clients they serve.
  • Use evidence-based practices to serve children who are culturally and linguistically diverse
  • Practice as a speech language pathology clinician and evaluate appropriate resources, including mentorship, in settings that have culturally and linguistically diverse populations.

Career Opportunities:
Employers in many settings value professionals who are equipped to work with diverse populations. Students can advance their career options as a certified and licensed speech-language pathologist with this certificate demonstrating that they have undertaken the specialized training required for working with clients who have diverse linguistic or cultural backgrounds.

Exercise and Nutritional Sciences, PHD (ECNUTRIPHD)

Online Degree Search Title: Exercise and Nutritional Sciences, PhD
Campus: Downtown Phoenix

Program Description:
With integrated disciplinary contexts, the PhD in exercise and nutritional sciences curriculum trains scholars and leaders to address health problems and helps meet the increasing demand for the development of effective physical activity, exercise and nutrition programs for all segments of society. The mission of the program is to train research scholars to conduct high-impact, interdisciplinary research in exercise and nutrition sciences. In contrast to other programs, this program integrates both exercise and nutrition research using a problem-centered, interdisciplinary approach.

Students work collaboratively with an approved mentor from the beginning to the end of the doctoral program and focus their research on one primary area of interest: metabolism and physiology, behavioral and community health sciences, or biomechanics and motor control. Students and faculty conduct high-quality, use-inspired research intended to reduce the physical, social and economic costs of unhealthy living. Students engage in research at every stage of the program through research practicums, translational research teams, research seminars and colloquia, and dissertation research.

After earning a master's degree, the program can be completed in four years with full-time study. The program also accepts part-time students.

Degree Requirements:
89 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
EXW 640 Analysis of Variance for Exercise and Wellness (3)
EXW 645 Advanced Applied Methods and Data Analysis (3)

Required Research (12 credit hours)
EXW 700 Research Methods (3)
EXW 701 Advanced Research Methods (3)
EXW 780 or NTR 780 Practicum (6)

Elective Research (15 credit hours)

Professional Development (5 credit hours)
EXW 691 or NTR 691 Seminar (3)
EXW 784 Internship (2)

Focus Area (9 credit hours)

Electives (30 credit hours)

Culminating Experience (12 credit hours)
EXW 799 or NTR 799 Dissertation (12)

Additional Curriculum Information
Students tailor a course of study in one of three focus areas:

- behavioral and community health sciences
- metabolism and physiology
- biomechanics and motor control

Courses in the focus or thematic area are determined by the student and supervisory committee. Up to six but not more than nine credit hours in the focus area may be taken from a program outside the nutrition, exercise science, and health promotion programs.

Professional development courses include a teaching internship (EXW 784) to help prepare students in exercise and nutritional science to become

teaching faculty, and a seminar course taken over three semesters (EXW/NTR 691) that addresses career opportunities and preparation for faculty or professional positions in the nutrition, exercise and health promotion fields.

When approved by the student's supervisory committee and Graduate College, 30 credit hours from a previously awarded master's degree are allowed to be used for this degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree in any field from a regionally accredited institution, and prefer that a data-based research thesis has been completed.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, and applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores (verbal, quantitative and writing)
- letter of intent
- professional resume
- three letters of recommendation
- teaching or research assistantship application
- writing sample (six to 10 pages)
- an oral interview with program faculty (via Skype or Zoom) prior to acceptance
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants must submit a TOEFL score unless the requirements for an exception have been met. Details are available at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The letter of intent should indicate research or scholarly interest, primary program area, statement of career goals and name of a potential faculty mentor from the list of approved faculty mentors.

Prerequisites
All applicants must have taken a graduate-level research methods and a graduate-level research statistics course prior to admission. Students are expected to take a pretest in research methods and research statistics the summer prior to enrolling.

It is expected that students admitted to the program have documented academic training and a strong interest in nutrition science, exercise science, biomechanics, rehabilitation, or health promotion. Thus, depending on the student's academic training, background, scholarly interests and focus area, a student may be asked to take undergraduate courses as deficiencies prior to, or concurrently with, graduate course enrollment.

Program Pathways
Two pathways through the program are available to students depending on their funding source, full-time via TA/RA funding or part-time self-funded. With both pathways, the intent is to involve and embed students in ongoing research as well as in-class study throughout their enrollment.

Students should see the program website for application deadlines and admission terms.

Career Opportunities:
Graduates are prepared for research careers in research-intensive universities, governmental agencies and health-related research positions in private industry. Students are strongly encouraged to pursue postdoctoral research opportunities upon graduation.

Career examples include:

- consultant
- entrepreneur
- exercise physiologist
- dietician or nutritionist
- health educator
- health, research or sports scientist
- postsecondary biomechanics, exercise science or nutrition teacher

- professor
- public health professional

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/exercise-and-nutritional-sciences-phd-chs
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Genetic Counseling, MS (NHGCOMS)

Online Degree Search Title: Genetic Counseling, MS
Campus: Downtown Phoenix

Program Description:
The MS program in genetic counseling, accredited by the Accreditation Council for Genetic Counseling, prepares students for a successful career as a genetic counselor where they can apply their knowledge and unique skill set to help advance the understanding of genetics and genomic-related conditions within the communities where they work and live.

The two-year, full time program offers an engaging and comprehensive curriculum covering topics such as: clinical genetics and genomics; the fundamentals of genetic counseling and advanced genetic counseling techniques; cultural competencies in genetics; social and ethical dimensions of genetic counseling and decision-making; and the role of genetic counselors in laboratories and research. The curriculum is taught by genetic counselors and medical geneticists.

Students also have the opportunity to participate in diverse fieldwork experiences throughout Phoenix. Upon graduation, new graduates are prepared to pass the American Board of Genetic Counseling certification exam and find a job that fits their acquired skills.

Degree Requirements:
71 credit hours and a thesis, or 71 credit hours including the required applied project course (GCO 593).

Required Core (46 credit hours)
GCO 510 Fieldwork Preparatory (1)
GCO 530 Genetic Counseling Fundamentals (3)
GCO 540 Foundations of Medical Genetics (3)
GCO 560 Practice of Genetic Counseling (3)
GCO 570 Clinical Genetics (3)
GCO 610 Laboratory Fundamentals & Population Screening (3)
GCO 620 Genetic Counseling Techniques (3)
GCO 625 Cultural, Ethical & Legal Aspects of Genetics (3)
GCO 630 Advanced Genetic Counseling Techniques (3)
GCO 650 Cancer, Cardiac Genomics and Precision Medicine (3)
GCO 659 Embryology and Genetics (3)
GCO 660 Professional Issues for Genetic Counselors (3)
HCD 501 Biostatistics and Data Management (3)
HCD 520 Population Health (3)
HCD 562 Emerging Bioethical Issues in Translational Biomedical Research (3)
IBC 640 Family and Couples in Primary Care (3)

Fieldwork (15 credit hours)
GCO 583 or GCO 683 Fieldwork (15)

Other Requirements (4 credit hours)
GCO 691 Topic: Journal Club I (1)
GCO 691 Topic: Journal Club II (1)
GCO 691 Topic: Journal Club III (1)
GCO 691 Topic: Journal Club IV (1)

Culminating Experience (6 credit hours)
GCO 593 Applied Project (6) or
GCO 599 Thesis (6)

Additional Curriculum Information

Other requirements topic courses are 1 credit hour each semester in this series: Journal Club (I-IV). This course is designed to introduce students to the process of identifying relevant and current peer-reviewed articles on a topic pertaining to the field of genetics. Students are expected to present the article (review, discuss and critique the article) to their fellow students (first and second year-students take this course together).

Students who choose the applied project as their culminating experience work under the supervision of a faculty member to identify and complete a project in a related area of study.

Students must have a minimum of 50 participatory cases during their fieldwork experiences with individuals who are being evaluated in the specialty areas of prenatal, pediatric, cancer and other adult conditions, with no one specialty dominating. All 50 participatory cases must be supervised by an experienced ABGC/ABMG(G)/CAGC certified genetic counselor. The fieldwork coordinator for the program will place all students at their fieldwork sites and works with the sites to ensure students are exposed to the necessary types and numbers of cases to meet the requirements for graduation. The fieldwork experience must be completed by the end of spring semester of year two of the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admissions application and application fee
  • official transcripts
  • letter of intent
  • professional resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants are strongly encouraged to interview genetic counselors and observe genetic counseling sessions when possible. Experience working in the health care setting, volunteering or working with individuals who have special needs and advocacy experience or experience providing crisis counseling is also highly recommended.

Career Opportunities:

Graduates of the program are prepared for a position as a genetic counselor in clinical care, research or a laboratory setting or as an industry based genetic counselor. Genetic counselors are uniquely trained with a skill set that will allow them to work in a variety of medical, scientific, or research-based settings as well as in private practice and academia.

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Health Informatics, MAS (GCHLHINMAS)

Online Degree Search Title: Health Informatics, MAS
Campus: Online

Program Description:

The MAS in health informatics is a flexible program designed to meet the needs of working professionals. Core courses provide a background in clinical informatics, while electives allow students to specialize in areas such as data science or mobile health.

Degree Requirements:

30 credit hours including the required applied project course (BMI 593).

Required Core (15 credit hours)
BMI 601 Fundamentals of Health Informatics (3)
BMI 603 Health Informatics Database Modeling and Applications (3)
BMI 604 Health Information Communication (3)
BMI 614 Current Perspectives in Health Informatics (3)
HCD 575 Leadership and Professionalism (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
BMI 593 Applied Project

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related field such as biology, computer science, medicine, nursing, pharmacy or public health, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:.
  • graduate admission application and application fee
  • official transcripts
  • current resume or curriculum vitae
  • two letters of recommendation
  • statement of purpose
  • proof of English proficiency

Additional Admission Requirements
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score is required for applicants whose native language is not English.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-health-informatics/)

Career Opportunities:
The degree program prepares graduates with skills for careers in a wide range of health care settings. Professionals from fields outside of health and health care can also develop the skills needed to transition into careers in this rapidly expanding field.

Career opportunities include:

  • clinical analyst
  • clinical application developer
  • clinical informatics manager
  • director of clinical informatics (medical informatics)
  • director of health information management or health IT
  • electronic health record application specialist
  • health care data analyst
  • health care informatics consultant or manager
  • health care IT project manager
  • health data resource manager or clinical data manager

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-informatics-mas

HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Integrated Behavioral Health - Clinical (Certificate), Certificate (NHIBHCGRCT)

Online Degree Search Title: Integrated Behavioral Health -Clinical (Graduate Certificate)
Campus: Online

Program Description:
The integrated behavioral health clinical certificate meets the growing demand to integrate behavioral health clinicians into primary care or other traditional medical settings. This program trains students in evidence-based practice and team-based care focused on quality, population health, technology and cost effectiveness and provides a certificate which indicates training in the provision of integrated behavioral health. It is designed for clinicians who aspire to work in integrated primary care behavioral health.

The curriculum offers students a deeper understanding of models of primary care behavioral health and training on evidence-based approaches to behavioral health care, population-based health and medical literacy to ensure applicants have a working knowledge of the skills necessary for success.

The program may be completed as a stand-alone program, to supplement a student's existing clinical skills or their current practice within an integrated team-based health care setting, or to complement a student's major program of study.

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)
IBC 601 Models of Integrated Primary Care (3)
IBC 603 Brief Interventions in Primary Care (3)
IBC 604 Clinical Medicine/Pathophysiology (3)
IBC 611 Population-based Behavioral Health Management (3)

Electives (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for the approved course list of electives. Other coursework may be used with the approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree in a related field such as social work, counseling, family therapy, clinical psychology or nursing, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official graduate transcripts
  • personal statement
  • one letter of professional recommendation
  • current resume or curriculum vita
  • submission of licensure form and copy of license
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants are required to hold a master's degree that results in behavioral health licensure or license-eligibility. In rare cases, applicants are considered with a master's degree and licensure unrelated to their degree (e.g., applicant with a master's degree in public health and licensure as a registered dietician). Consistent with the current admissions process for the Doctor of Behavioral Health program, licensure and licensure-eligibility is determined by the student's submission of an online form that is part of the supplemental application and a copy of their board-issued license.

The requirements for the personal statement are outlined on the online application.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/integrated-behavioral-health-clinical-graduate-certificate/)

Career Opportunities:
Graduates who have combined the certificate in clinical integrated behavioral health with their major program of study, their license or their practice within integrated team-based health care settings may be more marketable to employers.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/integrated-behavioral-health-clinical-graduate-certificate
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Integrated Behavioral Health - Management (Certificate), Certificate (NHIBHMGRCT)

Online Degree Search Title: Integrated Behavioral Health - Management (Graduate Certificate)
Campus: Online

Program Description:
The integrated behavioral health management certificate meets the growing demand for health care managers of programs that integrate behavioral health into primary care or other traditional medical settings. This program trains students to manage and contain health care costs, while working to obtain a return on investment through revenue management in the various health care financial models.

Students learn to develop management strategies that address the needs of populations with evidence-based practices and team-based care that is focused on quality, leveraging technology and cost effectiveness.

The program may be completed as a stand-alone program, as supplement to a student's existing clinical skills or their current practice within an integrated team-based health care setting, or it can complement a student's major program of study.

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)
IBC 601 Models of Integrated Primary Care (3)
IBC 614 Quality and Performance Measurement, Improvement and Incentives in Health Care (3)
IBC 626 Behavioral Health Management (3)
IBC 630 Financial Management of Health Care (3)

Electives (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for the approved course list of electives. Other coursework may be used with the approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

- personal statement
- one letter of professional recommendation
- current resume or curriculum vita
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The requirements for the personal statement are outlined on the online application.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/integrated-behavioral-health-management-grad-certificate/)

Career Opportunities:

This innovative program can help advance students' career options. Those who have earned this specialization are more marketable to employers.

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/integrated-behavioral-health-management-graduate-certificate
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Integrated Health Care, MIHC (NHIHCMIHC)

Online Degree Search Title: Integrated Health Care, MIHC
Campus: Online
ASU is not currently accepting applications for this program.
Program Description:
Graduates of the MIHC degree program are prepared to develop, implement, evaluate and sustain integrated care delivery in diverse health care settings.

Through the Master of Integrated Health Care program, students gain management-level knowledge in health care operations, financial management, quality improvement, big data analytics, evidence-based practice, interprofessional leadership, teamwork and strategic planning. Students apply their knowledge and advance their competencies through a final project. With the final project, they have the opportunity to assist an existing or emerging practice to develop or improve programs that include interprofessional team-based health care, integrated care programs, or programs that integrate medical and behavioral health care.

Degree Requirements:
30 credit hours including the required applied project course (IBC 593).

Required Core (21 credit hours)
HCD 570 Process Engineering (3)
HCD 575 Leadership and Professionalism (3)
HCD 602 Health Informatics for Future Health Care Professionals (3)
IBC 520 Integrated Health Care: The Patient-Centered Medical Home (PCMH) (3)
IBC 530 Evidence-based Integrated Health Care (3)
IBC 550 Integrated Care Business Operations (3)
IBC 570 Integrated Health Care Financial Management (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
IBC 593 Applied Project (3)

Additional Curricular Information
Students select HCI 500-level elective courses with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in social or behavioral sciences, health, business, public health, management or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• personal statement
• official transcripts
• curriculum vitae
• letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-integrated-healthcare/)

Career Opportunities:

MIHC graduates have the competencies to serve as managers in primary care clinics, hospitals, mental health and substance abuse treatment programs, health plans, disease management and employer-based wellness programs, and other innovative settings that integrate medical treatment with behavioral health care, also known as integrated care settings.

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/integrated-health-care-mihc
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

International Health Management, MIHM (NHIHMIHM)

Online Degree Search Title: International Health Management, MIHM
Campus: Online

Program Description:

The 100% online MIHM degree is offered by Arizona State University in partnership with the University of New South Wales in Sydney, Australia.

Ideal for students seeking a career in international health systems management, this Master of International Health Management program advances the core principles of the PLuS Alliance to develop solutions to global challenges and generate social impact in health and health care. The collaborative and international nature of the program provides students access to global academic networks and industry partners.

Students in the program build knowledge necessary for leadership and management, including policy, economics, finance and development from the combined expertise of faculty at two world-renowned research universities. After courses in health care management, finance and comparative health systems, students choose an area of focus in health informatics, quality improvement in health care, health economics or hospital management.

Degree Requirements:

30 credit hours including the required capstone course (HCD 550).

Required Core (6 credit hours)
HCD 532 Health Care Management and Finance (3)
HCD 537 Comparative Heath Care Systems (3)

Track Courses (12 credit hours)

Electives (9 credit hours)

Research (2 credit hours)
HCD 592 Research (2)

Culminating Experience (1 credit hour)
HCD 550 Capstone (1)

Additional Curriculum Information
Coursework taken for this program is provided through ASU and the University of New South Wales. For the specified core course, students take the equivalent of HCD 537 (PHCM 9471) at the University of New South Wales.

Students select one of the tracks as part of their curriculum. Some track courses are also listed as possible electives. In the event that an elective course is also listed as a specific track course for the track the student has selected, the student must select a different course as the elective. Students should see the academic unit for an approved list of track and elective courses.

The research requirement is taken in preparation for the capstone course. Students complete HCD 592 for one credit hour twice in consecutive terms.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or master's degree from a regionally accredited college or university in a related field such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premed, prehealth, nutrition, health promotion or others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of reference
  • personal statement
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Three letters of reference from either academic or professional sources are required; reference letters from friends or relatives are not accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after the degree is obtained, how the program will help the applicant achieve their goals, what the applicant's career aspirations are, and what interested the applicant in this degree program.

A phone or video conference interview with the admissions committee may be required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/international-health-management-mihm/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to engage with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaborative degree program, students develop transferable global competencies and gain exposure to international teaching and

academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:
Major sites of employment for graduates include hospital systems, nursing homes and similar facilities, and outpatient clinics. There is a significant growth market for graduates with skills in international health management given the aging populations and the need for a health care workforce competent in informatics, leadership and finance.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/international-health-management-mihm
HLTHN 401AA
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602-496-3300

Medical Nutrition, MS (NHMNTRMS)

Online Degree Search Title: Medical Nutrition, MS
Campus: Online

Program Description:
This MS program in medical nutrition is for current and future health care professionals, including gap-year students; those who have completed their bachelor's degree but have not yet secured admission to medical, veterinary, dental, osteopathic, physician assistant or similar schools; and for current medical students, residents, fellows and practitioners in the aforementioned fields who seek to develop a strong knowledge base in the nutritional sciences and its application in the health care field.

Graduate students in the medical nutrition program learn the role of nutrition in health maintenance, the treatment of disease and disease prevention. Coursework and culminating experiences provide an overview of the components of therapeutic diets and the role of qualified health care providers in diet prescription. Students also learn about nutrition guidelines and supplements as well as functional food usage for optimal health.

The program emphasizes self-directed learning with immersion in current nutrition research, and students develop foundational knowledge of nutritional assessment techniques used by health care providers in clinical practice. Proficiency in reading and interpreting nutrition research is another key program goal, and ensures graduates are well versed in the importance of making recommendations grounded in evidence-based practice.

Degree Requirements:
30 credit hours including an applied project course (NTR 593).

Required Core (21 credit hours)
NTR 502 Statistics in Research (3)
NTR 510 Food and Nutrition Across the Lifespan (3)
NTR 511 Medical Nutrition in the Care and Prevention of Disease (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome: The Common Pathway for Cardiovascular Disease, Diabetes (3)
NTR 525 Complementary Nutrition (3)
NTR 533 Ethics and Policy of American Diets (3)
NTR 535 Nutrigenomics (3)

Other Requirement (3 credit hours)
NTR 500 Research Methods (3)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6)

Additional Curriculum Information
Other requirement coursework may be substituted with the approval of the student's graduate committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. A previous bachelor's or master's degree in nutrition, public health, biology, chemistry or related field is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- one page personal statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from previous instructors or professors.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/medical-nutrition-ms/)

Career Opportunities:
Career opportunities include:

- dentist
- medical doctor
- nurse
- pharmacist
- physical therapist
- physician assistant

Graduates of this program can also serve in fields such as health care, education, state and national government, corporate enterprise and nonprofits.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/medical-nutrition-ms
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Nutritional Science, MS (ECHNUTMS)

Online Degree Search Title: Nutritional Science, MS
Campus: Downtown Phoenix

Program Description:
Nutritional science marks the intersection of food, biology, chemistry, microbiology, sociology and more, centered on topics and challenges that affect everyday health and well-being.

The MS program in nutritional science prepares students to translate nutrition science into practical use for human health and wellness. Students immerse themselves in the latest nutrition topics and research partnered with accomplished faculty, developing practical understanding through internship experiences and their own guided research. Building on the scientific foundations of human nutrition, students learn strong writing and problem-solving skills, grow computer literacy, and increase interpretive expertise. Students are afforded nutrition research experiences grounded in the latest science that can match their own interests and goals.

Students who have completed an accredited Didactic Program in Dietetics may also elect to apply to the ASU dietetic internship in order to meet the requirements to become a registered dietitian nutritionist: https://chs.asu.edu/students/internships/dietetic-internship (https://chs.asu.edu/students/internships/dietetic-internship). More information is available at https://chs.asu.edu/programs/nutrition-dietetics/how-become-registered-dietitian (https://chs.asu.edu/programs/nutrition-dietetics/how-become-registered-dietitian).

A sports nutrition track provides an option for students to select specialized courses in sports nutrition and exercise science and obtain hands-on training and research with sports dietitians and nutrition faculty who are experts in the field. Students in this track complete the same core nutrition graduate courses but take track-specific classes and electives that focus on sports nutrition, hydration, exercise physiology and other vital parts of the discipline. The culminating experience research is under the guidance of sports nutrition professors in the College of Health Solutions.

The maternal-child health track provides an option for students to select specialized courses in maternal-child health and obtain hands-on training with the nutrition and other faculty who work on nutrition-related health behaviors and outcomes across campus. Students in this track will complete the same core nutrition graduate courses but will take track courses and electives that focus on maternal-child health competencies, including policy and advocacy, leadership development, communication and ethics. They will complete their required research under the guidance of one of several faculty conducting nutrition-related maternal and child health research. Competitive funding may be available through the TRANSCEND program for students in the maternal-child health track: https://transcendprogram.weebly.com/ (https://transcendprogram.weebly.com/)

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Dietetics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours and a thesis - Maternal Child Health Track, or 30 credit hours and a thesis - Sports Nutrition Track, or 30 credit hours including the required applied project course (NTR 593).

Required Core (3 credit hours)
EXW 501 Research Statistics (3) or
NTR 502 Statistics in Research (3)

Restricted Electives (9 or 12 credit hours)
NTR 501 Research Methods in Nutrition (3)
NTR 503 Designing Health Behavior Change Interventions (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome: The Common Pathway for Cardiovascular Disease, Diabetes (3)
NTR 525 Complementary Nutrition (3)
NTR 527 Policies, Environment and Obesity Prevention (3)
NTR 529 Pediatric Nutrition (3)
NTR 532 Endocrine Pathophysiology and Nutrition (3)
NTR 533 Ethics and Policy of American Diets (3)
NTR 535 Nutrigenomics (3)
NTR 537 Evidence-based Nutrition (3)
NTR 551 Geriatric Nutrition (3)
NTR 553 Nutrition and Cardiovascular Disease (3)
NTR 555 Nutrition and the Athlete (3)
NTR 557 Nutritional Epidemiology (3)
NTR 598 Special Topics (3)

Open Electives or Required Track Courses (6 or 9 credit hours)

Research (3 credit hours)
NTR 500 Research Methods (3)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6) or
NTR 599 Thesis (6)

Additional Curriculum Information
Students choose three courses from the restricted electives list for a total of nine credit hours without a track. Students in the sports nutrition and maternal child health tracks complete specific course requirements for the track and complete 12 credit hours for restricted electives. Other courses may be used with approval of the academic unit. Students should consult with the program advisor.

One research methods course is required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree (nutrition or science is recommended) from a regionally accredited institution. Students who are pursuing the Master of Science in nutritional science need to complete the following prerequisites: anatomy and physiology, biochemistry, general chemistry with lab, general nutrition for majors, microbiology, organic chemistry with lab, and statistics.

These courses are part of the ASU didactic program in dietetics required for ASU's BS degree in dietetics and to be eligible to apply for admission into an accredited dietetic internship to become a registered dietitian. If an applicant has completed a didactic program in dietetics from another university, these prerequisites are considered complete. Prerequisite courses can be in progress when the student submits the application; however, if the student is accepted into the Master of Science degree program, all prerequisites must be completed before the program begins in the fall semester.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A" in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • resume
  • personal statement
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A resume that summarizes the academic, research, volunteer and employment experiences of the applicant needs to be submitted with the graduate admission application.

A personal statement that includes the following must be submitted with the graduate admission application:
  • a description of the applicant's significant professional responsibilities
  • the applicant's professional goals and the reasons for the desire to enroll in ASU's program
  • the applicant's strengths that will allow the applicant success in the program and in reaching professional goals
  • the applicant's personal research interests, described as specifically as possible and including any previous research experience, along with indication of any interest in being considered for the optional track in sports nutrition or maternal child health

Three letters of recommendation are required, including at least one from an instructor at the applicant's undergraduate school. Letters of recommendation can be submitted with the graduate admission online application.

Finalists for admission are interviewed.

Career Opportunities:

Nutritional science applies the principles of food and nutrition to health. It's a vital, growing profession with many career possibilities. In this field, graduates share their knowledge of food and nutrition to help people make healthful food choices. Graduates have gone on to become registered dietitian nutritionists, to pursue doctorates, or to apply to medical and professional school to become medical doctors, physician assistants, pharmacists and dentists, among other fields.

Settings in which food and nutrition careers can be found include:

  • community and public health organizations
  • corporations
  • food manufacturing industries
  • government agencies
  • hospitals and other medical facilities
  • long-term care facilities
  • nonprofit organizations
  • schools

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in

Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/nutrition-ms
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Nutritional Science (Dietetics), MS (ECNTRDMS)

Online Degree Search Title: Nutritional Science (Dietetics), MS
Campus: Online

Program Description:
The MS program in nutritional science with a concentration in dietetics is a nonthesis option for registered dietitian nutritionists and those with a verification statement from a didactic program in dietetics who are seeking to continue their education and advance their skills as practitioners.

The program emphasizes the scientific foundations of nutrition and prepares students to have interpretive expertise, problem-solving skills, strong writing skills and computer literacy.

Designed with working professionals and students' learning preferences in mind, the program is completely online and can be completed either full time or part time. It is an ideal option for busy schedules with multiple start dates each year and course lengths of 7.5 weeks. Up to 12 credit hours can be transferred from another accredited program with the approval of the program director.

Degree Requirements:
30 credit hours including the required applied project course (NTR 593).

Required Core (3 credit hours)
EXW 501 Research Statistics (3) or
NTR 502 Statistics in Research (3)

Concentration (9 credit hours)
NTR 501 Research Methods in Nutrition (3)
NTR 503 Designing Health Behavior Change Interventions (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome: The Common Pathway for Cardiovascular Disease, Diabetes (3)
NTR 525 Complementary Nutrition (3)
NTR 529 Pediatric Nutrition (3)
NTR 533 Ethics and Policy of American Diets (3)
NTR 535 Nutrigenomics (3)
NTR 537 Evidence-based Nutrition (3)
NTR 551 Geriatric Nutrition (3)
NTR 555 Nutrition and the Athlete (3)
NTR 598 Special Topics (3)

Research (3 credit hours)
NTR 500 Research Methods (3)

Open Electives (9 credit hours)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6)

Additional Curriculum Information
For concentration coursework, students choose three courses from the list above for a total of nine credit hours.

One research methods course is required. NTR 500 may be substituted with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must be either a Registered Dietitian Nutritionist (RDN) or have completed a Didactic Program in Dietetics (DPD)-accredited program, and will provide either a copy of the RDN credential or the DPD Verification Statement with their application.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of Registered Dietitian status or DPD verification statement
- resume
- personal statement
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants with RDN certification need to submit proof of registered dietitian status by accessing the Commission on Dietetic Registration's website (https://www.cdrnet.org (https://www.cdrnet.org)) and complete the verification process using the online credential verification search. Applicants who completed a Didactic Program in a Dietetics-accredited program, need to provide a DPD Verification Statement with their application.

A resume is required that summarizes the applicant's academic, volunteer and employment experiences.

Also required is a one- to two-page, typed, double-spaced personal statement addressing the following: significant professional responsibilities the applicant has held; professional goals and reasons for desiring to enroll in this program; strengths that will help the applicant succeed in this program and in reaching their professional goals; and personal interests in research, including, if applicable, studies involving the practice of dietetics.

Two letters of recommendation are to be submitted with the application, including at least one from an employer or work supervisor.

A foreign language examination is not required for this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-nutritional-science-dietetics/)

Career Opportunities:
Nutritional science is a vital, growing profession with many career possibilities. In this field, graduates share their knowledge of food and nutrition to help people make healthful food choices.

Settings in which food and nutrition careers can be found include:

- community and public health organizations
- corporations
- food manufacturing industries
- government agencies
- hospitals and other medical facilities
- long-term care facilities
- nonprofit organizations
- schools

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/nutrition-dietetics-ms
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Obesity Prevention and Management, MS (NHOBSMS)

Online Degree Search Title: Obesity Prevention and Management, MS
Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The MS in obesity prevention and management is an innovative degree program that draws on a wide array of expertise at ASU. The curriculum is designed to integrate perspectives from the social, applied, life and health sciences and provides advanced, graduate-level, problem-focused, experiential training that is grounded in evidence and best practices for effective prevention and management of obesity.

This degree program is geared toward postbaccalaureate students and professionals who wish to advance their understanding of the social, cultural, environmental, health and psychological issues associated with obesity. The program emphasizes the complex etiology of obesity and includes courses that will enhance students' ability to work with individuals and populations at risk of obesity to develop effective strategies for prevention and management of the condition across the lifespan.

Degree Requirements:
30 credit hours including a thesis, or 30 credit hours including an applied project (OBS 593).

Required Core (3 credit hours)
OBS 501 Obesity Prevention and Management: An Introduction (3)

Electives (21 credit hours)

Culminating Experience (6 credit hours)
OBS 593 Applied Project (6) or
OBS 599 Thesis (6)

Additional Curriculum Information
Students choose one three-credit hour elective course from each of the following categories: concepts in behavior change, research methods and statistics.

Additional elective course selections depends upon the student's chosen track. Students select six credit hours from prescribed categories for each track and six credits from the following categories: cultural aspects of behavior change, general track, public health approaches for behavior change, and technological approaches for behavior change.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's (or equivalent) or master's degree in social or health science-related fields from a regionally accredited institution. The following entry-level competencies are needed for admission to the program: Students should have completed undergraduate-level coursework in statistics and psychology and, ideally, have completed one or more courses in nutrition, physiology and chemistry.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit
  • graduate admission application and application fee
  • official transcripts
  • GRE scores (verbal, quantitative and analytical)
  • statement of educational and career goals
  • writing sample
  • letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students who have an undergraduate GPA of 3.25 or higher in the last 60 hours of their undergrad program may have the GRE requirement waived with approval of the academic unit.

Foreign language examinations are not required for admittance to the program.

Writing sample: A two- to three-page application letter is required in which applicants explain why they want to pursue this degree and why they feel well-prepared to succeed in this graduate program.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Physical Activity and Health, MS (ECEXERMS)

Online Degree Search Title: Physical Activity and Health, MS
Campus: Downtown Phoenix

Program Description:
The MS program in physical activity and health offers an opportunity for advanced training in exercise science, physical activity and aging, or physical activity and health promotion alongside faculty who are immersed in the latest research.

This program prepares students to translate and apply evidence-based exercise science, fitness and lifestyle behavior change approaches to improve health and well-being and prevent chronic disease across the lifespan.

Students in the program develop competencies in research design, statistical methods and the ethical conduct of research studies. They have the opportunity to conduct a mentored research project as part of a thesis, if desired. They also learn to apply theoretical models of behavior change for the development and implementation of interventions to facilitate the adoption and maintenance of physical activity and other health and wellness behaviors. Students develop and demonstrate their knowledge of the causes, risks factors and impact of exercise, physical activity and fitness on the disease process in cardiovascular disease, Type 2 diabetes, metabolic syndrome, cancer, musculoskeletal health and functional fitness through a critical examination of epidemiological research and exercise intervention studies.

The skills and knowledge acquired during the course of training enables each student to develop professional competencies that can be applied to significant problems and issues within the fields of exercise science and health promotion.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Clinical Exercise Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
32 credit hours and a thesis, or 32 credit hours and a written comprehensive exam, or 32 credit hours and an applied project (EXW 593).

Required Core (9 credit hours)
EXW 501 Research Statistics (3)
EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)
EXW 542 Health Promotion (3)

Research (5 credit hours)
EXW 500 Research Methods (3)
EXW 591 Exercise and Wellness Seminar (2)

Electives (12-18 credit hours)

Culminating Experience (0-6 credit hours)
EXW 599 Thesis (6) or
EXW 593 Applied Project (6) or
written comprehensive exam (0)

Additional Curriculum Information

All students must focus their plan of study in one of three areas: exercise science, physical activity and aging , or physical activity and health promotion. The focus determines the choice of electives available to students. For a list of approved elective courses, students should contact their academic unit.

Exercise science --- This is focused study in areas such as advanced exercise physiology, muscle physiology, fuel metabolism, exercise endocrinology, advanced exercise testing and prescription, physiology of physical activity and chronic disease, biomechanics and motor control. This focus area is a good option for students who are interested in pursuing further graduate study in the area of exercise science and chronic disease prevention and management.

Physical Activity and Aging --- This is focused study in areas such as advanced exercise physiology, advanced exercise testing and prescription, physiology of physical activity and chronic disease, physical activity and aging, biomechanics and motor control. This focus area is a good option for students who are interested in pursuing careers in gerontology, working with older adults in the fitness industry, or students who may be pursuing further graduate study in applied exercise science, physical therapy or the medical fields.

Physical activity and health promotion --- This is focused study in areas such as health promotion program planning; implementation and evaluation; physical activity policy in public health; health behavior change theory; motivational interviewing; physiology of physical activity and chronic disease; exercise for obesity; aging and sleep; and the role of mindfulness in stress, health and health behavior. This focus area is a good option for students who are interested in pursuing careers in health promotion, corporate wellness or public health and who may be pursuing further graduate study in health promotion or public health.

All students are admitted to the nonthesis option but may apply to the thesis option.

The nonthesis option requires an applied project or a written comprehensive exam as the culminating experience. The nonthesis option is an appropriate choice for those students who cannot devote full-time to their research endeavors or for students who are seeking to continue their education, advance their skill level as practitioners or advance their current careers. Students who take the written comprehensive exam are required to take six additional elective courses in the focus area.

In the thesis option, the thesis is considered the final integrative experience of the degree; it involves conducting research that is guided by a recognized research paradigm (e.g., scientific, interpretive) and producing a scholarly report of the process and results. The thesis option is a good choice for students who are interested in pursuing more advanced graduate study in the field.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Students are expected to have the coursework and undergraduate credit for the basic courses required for a BS degree in exercise and wellness. Students who do not have these course competencies can be admitted with deficiencies. Deficiencies are determined upon admission, and these courses must be completed, usually by the end of the first year of study. These courses are not considered part of the graduate plan of study. A graduate course may be substituted for a deficiency but will be evaluated on a case-by-case basis.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- statement of career or research interests
- three professional letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must submit proof of English proficiency regardless of current residency.

BIO 201 and BIO 202 must be completed prior to admission to the master's degree program. Other deficiency courses may be taken prior to or during the master's degree program. The corresponding ASU course can be found in parentheses:

Human Anatomy and Laboratory (BIO 201 Human Anatomy and Physiology I)
Human Physiology and Laboratory (BIO 202 Human Anatomy and Physiology II)
Human Nutrition (NTR 241 Human Nutrition)
Exercise Physiology and Laboratory (SSP 315 Exercise and Sport Physiology)

Kinesiology and Laboratory (EXW 330 Kinesiological Foundations of Movement)
Exercise Testing and Laboratory (EXW 420 Exercise Testing)
Exercise Prescription (EXW 425 Exercise Prescription for Health and Wellness)

An undergraduate course in statistics is strongly recommended.

Students should see the program website for application deadlines.

Career Opportunities:
Professionals with expertise in exercise science and chronic disease prevention, physical activity and health promotion, wellness, or exercise across the lifespan are in demand across sectors and industries including commercial fitness and wellness centers, health care systems, corporate fitness and wellness programs, research settings and public health.

Career examples include:

- corporate fitness coordinator or director
- exercise physiologist
- fitness and wellness coordinator
- fitness trainer or aerobics instructor
- health promotion specialist or health educator
- personal trainer
- research coordinator

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/physical-activity-and-health-ms
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Population Health, PHD (NHPOPHLPHD)
Online Degree Search Title: Population Health, PhD
Campus: Downtown Phoenix

Program Description:
The PhD program in population health brings together multiple disciplines, illustrating the complex factors that affect the health and well-being of populations. The program addresses the interaction between health systems and other sectors of society, sectors that include the private sector; government; nonprofit, and nongovernmental organizations; media; and academia that work together to affect population health outcomes.

Required courses reinforce a strong repertoire of systems science, quantitative and qualitative research methods, epidemiology and biostatistics, and ethics. The practicum offers an applied experience and the dissertation requires novel research on population health.

Students personalize their program of study by completing courses from one of four tracks: health equity, complex adaptive systems, urban environments for health or dissemination and implementation science.

The health equity track trains doctoral students to conduct empathetic research, incorporating the lived experience of populations vulnerable for health disparities into applied research. Students use an asset-based approach to collaborate with populations to improve health outcomes to address social determinants of health.

In the complex adaptive systems track, students learn about theory, principles, models and techniques used to analyze complex systems and data as applied to population health.

Exacerbated by population growth and climate change, city-dwelling populations are experiencing health challenges such as new and reemerging infectious diseases, noncommunicable diseases, unhealthy diets, physical inactivity, obesity, poor water quality and injuries from road trauma. The track on urban environments for health prepares students to meet those challenges from an evidence-based and transdisciplinary environmental perspective.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation, or 84 credit hours, a written comprehensive exam, a prospectus and a dissertation - Dissemination and Implementation Science Track.

Required Core (15 credit hours)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
EXW 645 Advanced Applied Methods and Data Analysis (3)
NUR 608 Qualitative Research Design and Methods (3)
POP 605 Population Health Systems Science and Theory (3)
POP 633 Population Health Ethics (3)

Track (15 credit hours)

Electives (30 credit hours)

Research (6 credit hours)
EXW 700 Research Methods (3)
EXW 701 Advanced Research Methods (3)

Other Requirement (6 credit hours)
POP 591 Seminar: Evaluating the Population Health Literature (3)
POP 780 Population Health Practicum (3)

Culminating Experience (12 credit hours)
POP 799 Dissertation (12)

Additional Curriculum Information
Students select from tracks in health equity, complex adaptive systems, urban environments for health or dissemination and implementation science.

Other requirement course POP 591 Seminar may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or a master's degree in any field from a regionally accredited institution. Preference is given to applicants who completed a data-based research thesis during their master's degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • three letters of recommendation
  • professional resume
  • writing sample (six to 10 pages)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants must submit a TOEFL score unless the requirements for an exception have been met. Details are available at:
https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

An oral interview with program faculty is required prior to acceptance; the interview may be in person or by videoconference.

The personal statement should indicate research or scholarly interest, primary program area, statement of career goals and the name of a potential faculty mentor from the list of approved faculty mentors.

All applicants must have passed a graduate-level epidemiology course (e.g., EXW 642 Exercise Epidemiology, NTR 557 Nutritional Epidemiology, POP 598 Topic: Epidemiology) and a graduate-level research statistics course (e.g., EXW 501 Research Statistics or NTR 502 Statistics in Research) prior to admission, or if not completed prior to admission, must be completed prior to matriculating.

GRE scores (verbal, quantitative and writing) are not required but are encouraged.

It is expected that students admitted to the program have documented academic training and a strong interest in public health, health care or population health. Thus, depending on the student's academic training, background, scholarly interests and focus area, a student may be asked to take course deficiencies prior to or concurrently with graduate course enrollment.

Career Opportunities:
Graduates of this interdisciplinary program are prepared to become:

 • executives or analysts in the private industry such as medical device, biotechnology, health IT startups, health insurance or health care delivery organizations
 • faculty at research-intensive universities in schools of population health, public health, medicine or health sciences
 • leaders and directors of health in local, state and federal government agencies
 • program directors and officers for global health organizations such as World Health Organization or the World Bank
 • program directors and officers of local and national non-governmental foundations such as the American Cancer Society or American Diabetes Association
 • research or policy analysts at federal health agencies such as the National Institutes of Health or Centers for Disease Control and Prevention.

Students are strongly encouraged to pursue postdoctoral research opportunities upon graduation.

Career examples include:

 • entrepreneur
 • epidemiologist
 • global health professional
 • health information manager or director
 • health scientist
 • population health analyst or manager
 • postsecondary public health teacher
 • professor
 • public health consultant or policy advisor
 • research scientist

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/population-health-phd
HLTHN 401
chsgrad@asu.edu
602-496-3300

Science of Health Care Delivery, MS (NHSHCDMS)

Online Degree Search Title: Science of Health Care Delivery, MS
Campus: Downtown Phoenix, Online

Program Description:
The MS program in science of health care delivery focuses on the study and design of systems, processes, leadership and management approaches used to optimize health care delivery and health for all. This degree program is for individuals interested in a career in the health care industry. It provides students with the knowledge and competencies they will need for contributing in a patient-centered, safe and cost-effective health care system.

The curriculum is centered on achieving high-value care through leadership, population health, informatics, systems engineering, health care management, and health economics and policy. Students learn Lean Six Sigma principles and apply them to health care delivery issues.

The program challenges students to work on innovative solutions to improve the U.S. health care system by simultaneously improving the health of the population, enhancing the patient experience and reducing per capita cost of care. Students apply concepts through case studies and team-based projects to facilitate integration of knowledge and competencies. Participating students work in a cohort through the program and are able to complete the degree in nine months (one academic year). Students are paired with leading health care delivery organizations to complete an applied capstone project during the program.

Degree Requirements:
30 credit hours including the required capstone course (HCD 550).

Required Core (24 credit hours)
HCD 501 Biostatistics and Data Management (3)
HCD 502 Health Care Systems and Design (3)
HCD 511 Health Economics, Policy, and Payment Models (3)
HCD 520 Population Health (3)
HCD 532 Health Care Management and Finance (3)
HCD 570 Process Engineering (3)
HCD 575 Leadership and Professionalism (3)
HCD 602 Health Informatics for Future Health Care Professionals (3)

Electives (3 credit hours)

Research (2 credit hours)
HCD 592 Research: Part One (1)
HCD 592 Research: Part Two (1)

Culminating Experience (1 credit hour)
HCD 550 Capstone (1)

Additional Curriculum Information
Elective coursework must be HCD 500 level courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premed, prehealth, nutrition, health promotion or others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of reference
  • personal statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Three letters of reference from either academic or professional sources are required; reference letters from friends or relatives are not accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after the degree is obtained, how the program will help the applicant achieve the applicant's goals, what the applicant's career aspirations are, and what interested the applicant in this degree program.

A phone or video conference interview with the admissions committee may be required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-science-health-care-delivery/)

Career Opportunities:
Professionals with knowledge about innovations and improvements for health care delivery are in demand across the health care industry. The flexible program is also ideal for gap-year students who are pursuing entrance to medical and professional school prior to intended careers in health and health care.

Career examples for program graduates include:

- health care providers
- hospital administrators
- policy experts
- program managers

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/science-health-care-delivery-ms
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)

Online Degree Search Title: Science of Health Care Delivery (Graduate Certificate)
Campus: Online

Program Description:
The online, self-paced certificate program in science of health care delivery provides students a foundation in the science of health care delivery enabling them to address the current and future needs of the workforce in the health care industry.

Students can choose from multiple start dates and three tracks: leadership, quality and process improvement, and clinical informatics. All 15 credit hours of the graduate certificate program may be applied to the MS in science of health care delivery program for students interested in furthering their knowledge of this field.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
HCD 502 Health Care Systems and Design (3)
HCD 511 Health Economics, Policy and Payment Models (3)
HCD 520 Population Health (3)

Track (6 credit hours)

Additional Curriculum Information
Students select one of the following tracks: quality and process improvement, clinical informatics, and leadership.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. The following disciplines are preferred: business or law (health care and business administration, economics, finance or law), engineering (biomedical engineering), general science (biology or physiology), health-related field (nursing, health policy or public health), or math or computer science (statistics or computer science).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- evidence of work experience

• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

More than two years of work experience in a health-related field is preferred.

Applicants must have basic competencies in college-level math, general biology (or physiology) and statistics. Course equivalencies include:

BIO 181 General Biology I
BIO 182 General Biology II
HCD 300 Biostatistics
MAT 117 College Algebra
or other coursework, with approval of the academic unit

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-science-health-care-delivery/)

Career Opportunities:
This innovative certificate program teaches skills and knowledge relevant for C-suite executives and administrators, health care providers (physicians, physician assistants, nurse practitioners and nurses), front line staff (respiratory therapists, occupational therapists, physical therapists and dietitians) and students in health-related disciplines.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/science-health-care-delivery-graduate-certificate
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science, PHD (LAHEARPHD)

Online Degree Search Title: Speech and Hearing Science, PhD
Campus: Tempe

Program Description:
The interdisciplinary PhD program in speech and hearing science prepares scholars for careers in basic and applied research in academic, industrial or health care environments.

Students pursue an individualized program with the unifying theme of human communication and disorders. Courses tailored to students' specific interests are taken from a variety of departments. In addition to a self-designed program of study, concentrations are offered in auditory and language neuroscience and in translational genetics of communication abilities. Students should visit the department website for further details about these options.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (2 credit hours)
SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)
SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Culminating Experience (12 credit hours)
SHS 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, 28 credit hours from a previously awarded master's degree are allowed to be used for the degree.

Students complete content area coursework within speech and hearing science and other disciplines that can be tailored to the student's research

interests. A student completes their plan of study under the guidance of their faculty mentor and program committee. A formal research experience during the first three semesters of the program provides students with a jumpstart into research, preparing the student for their subsequent dissertation research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics, or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of undergraduate and graduate study
  • application cover letter and personal statement
  • three letters of recommendation
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International applicants are welcome to apply for the program, which has a strong record of training international students. For all applicants of graduate programs at ASU, English proficiency is a requirement. There are several different avenues to demonstrate English proficiency, including through previous academic experiences in English, standardized tests, or through online courses. Students should refer to ASU's Graduate College English proficiency requirements for more details about English proficiency requirements.

Professional letters of recommendation should be from three individuals who can speak to one or more of the following: academic performance, clinical performance, or potential to succeed in a research-intensive doctoral program. The letter writers are typically faculty, clinical or research supervisors. If the applicant has spent some time away from research or academia, it is still recommended to have some letters from those experiences, in addition to a more recent clinical or research supervisor.

In addition to uploading a letter of recommendation, letter writers are asked to rate the applicant on the following:

  • academic performance
  • analytical skills
  • creativity and originality
  • emotional maturity
  • honesty and integrity
  • intellectual potential
  • mathematical and statistical skills
  • motivation to complete a PhD
  • oral communication skills
  • promise as a researcher in the discipline
  • working with others
  • written communication skills.

Letter writers also are asked to respond to the following short answer questions or prompts:

  • What is the context in which you have known the applicant?
  • Describe instances where you have seen this person go above and beyond?
  • Do you have any reservations about this applicant? If yes, what are they?
  • Describe an instance where you have seen the applicant demonstrate technical, analytical or problem-solving skills.
  • Would you admit this applicant to our PhD program? Why or why not?
  • Please provide any additional comments regarding the applicant's potential.

The personal statement, typically one or two double-spaced pages, should address the student's motivation to pursue a PhD with a specific faculty mentor in the program and include evidence of potential to succeed in a research-intensive doctoral program and goals for the future. Examples of evidence of potential to succeed include technical skills, clinical experiences, and research achievements and interests.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Develop curriculum and instruct in key knowledge areas in their particular area of expertise within Speech and Hearing Science.
- Engage with scholars in academic and professional settings.
- Master the key concepts related to research in the field at an advanced level.

Career Opportunities:
Doctoral-level scientists in the field of speech and hearing science are well situated to pursue positions in which they can lead independent research programs, such as a university professor or research scientist in the private or public sectors. There is a particular need for doctorate-level scientists with speech-language pathology or audiology backgrounds in tenure-track academic positions.

Career examples include:

- lecturer
- professor
- program officer at a nonprofit or government agency
- research analyst
- research scientist

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/speech-and-hearing-science-phd
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science (Auditory and Language Neuroscience), PHD (NHSHSALPHD)

Online Degree Search Title: Speech and Hearing Science (Auditory and Language Neuroscience), PhD
Campus: Tempe

Program Description:
The auditory and language neuroscience concentration within the PhD program in speech and hearing science trains scholars in basic and applied research in the fields of auditory and language neuroscience. Students develop a strong foundation from which to conduct impactful neuroscience research related to healthy auditory and language abilities as well as the neural bases of communication disorders.

This program's expert faculty are in a unique position to provide this integrated training experience because of the program's focus on innovative approaches to the field of speech, language and hearing science. Faculty backgrounds include engineering, neuroscience and psychology in addition to expertise in speech-language pathology and auditory neural prosthetics.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (2 credit hours)
SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)
SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Concentration (12 credit hours)

Research (21 credit hours)
SHS 792 Research (12)
research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (9 credit hours)
professional seminars (9)
preliminary exam (0)
comprehensive exams (0)

Culminating Experience (12 credit hours)
SHS 799 Dissertation (12)

Additional Curriculum Information
The concentration courses focus on issues related to auditory and language neuroscience. These credit hours may be accomplished in regular graduate-level (500+) courses or in special topic seminars and independent studies. The student's program committee guides selection of these courses, which may be focused on a broad base of areas related to auditory and language neuroscience.

Students complete nine credit hours of SHS 790 Reading and Conference or similar courses, such as CHS 791 and GRD 791 seminars. Students should see the academic unit for approved concentration courses, professional seminars, research and electives. Other research, seminar and elective courses may be used with approval of the academic unit.

The preliminary exam research project is to be in the field of auditory or language neuroscience, or in both. Each student gives a formal presentation of their prospectus to their program committee. The defense for the preliminary exam research project includes a written document of the research project and an oral defense. This formal research experience during the first three semesters of the program provides students with a jumpstart into research, preparing the student for their subsequent dissertation research.

The comprehensive exams entail a written examination and an oral examination. The written exam takes one of the following formats: students write responses to questions posed by each committee member or students complete a written paper for each member of the committee.

For the proposed concentration, at least two of the three questions, or topics for the written papers, posed by the committee members must be focused in the area of auditory or language neuroscience, or in both. The comprehensive examination committee evaluates the written paper and the oral defense during a closed meeting with the student.

When approved by the student's supervisory committee and the Graduate College, this program allows 28 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 28 credit hours of coursework is to be made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics, or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of undergraduate and graduate study
  • application cover letter and personal statement
  • three letters of recommendation
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International applicants are welcomed as this program has a strong record of training international students. For all applicants of graduate programs at ASU, English proficiency is a requirement. There are several different avenues to demonstrate English proficiency, including through previous academic experiences in English, standardized tests, or through online courses. Please refer to ASU's Graduate College English proficiency requirements for more details about English proficiency requirements.

Professional letters of recommendation should be from three individuals who can speak to one or more of the following: academic performance, clinical performance, or potential to succeed in a research-intensive doctoral program. The letter writers are typically faculty, clinical or research supervisors. If the applicant has spent some time away from research or academia, it is still recommended to have some letters from those experiences, in addition to a more recent clinical or research supervisor.

In addition to uploading a letter of recommendation, letter writers are asked to rate the applicant on the following:

  • academic performance
  • analytical skills
  • creativity and originality

- emotional maturity
- honesty and integrity
- intellectual potential
- mathematical and statistical skills
- motivation to complete a PhD
- oral communication skills
- promise as a researcher in the discipline
- working with others
- written communication skills

Letter writers also are asked to respond to the following short answer questions or prompts:

- What is the context in which you have known the applicant?
- Describe instances where you have seen this person go above and beyond?
- Do you have any reservations about this applicant? If yes, what are they?
- Describe an instance where you have seen the applicant demonstrate technical, analytical or problem-solving skills.
- Would you admit this applicant to our PhD program? Why or why not?
- Please provide any additional comments regarding the applicant's potential.

The personal statement, typically one or two double-spaced pages, should address the student's motivation to pursue a PhD with a specific faculty mentor in the program and include evidence of potential to succeed in a research-intensive doctoral program and goals for the future. Examples of evidence of potential to succeed include technical skills, clinical experiences, and research achievements and interests.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Develop curriculum and instruct in key knowledge areas within the fields of auditory and language neuroscience.
- Engage with scholars in academic and professional settings
- Master the key concepts related to research in the field at an advanced level.

Career Opportunities:
Doctoral-level scientists in the field of speech and hearing science are well situated to pursue positions in which they can lead independent research programs, such as a university professor or research scientist in the private or public sectors. There is a particular need for doctorate prepared individuals with speech-language pathology or audiology backgrounds in tenure-track academic positions.

Career examples include:

- lecturer
- professor
- program officer in a nonprofit or government agency
- research analyst
- research scientist

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/speech-and-hearing-science-auditory-and-language-neuroscience-phd
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science (Translational Genetics of Communication Abilities), PHD (NHSHSTGPHD)

Online Degree Search Title: Speech and Hearing Science (Translational Genetics of Communication Abilities), PhD
Campus: Tempe

Program Description:
The translational genetics of communication abilities concentration within the PhD program in speech and hearing science provides doctoral students with training in an innovative approach to the clinical sciences, pioneered at ASU, in which the concepts of precision medicine are applied to all disciplines within communication sciences and disorders. Training in molecular genetics and bioinformatics equips students to investigate the

interactions among genetic, brain-based and behavioral traits. Prior training in genetics is not required.

Knowledge of genotype-phenotype associations provides the foundation for the translational components of this program: early identification and intervention, individualized management and interprofessional approaches. Students have the option of focusing primarily on basic sciences aspects, on clinical translations, or both.

This program leverages strong research and clinical expertise at ASU's College of Health Solutions across clinical linguistics and its expertise in the biosciences and translational clinical sciences. Collaborating units at ASU include the Biodesign Institute, the School of Life Sciences and the College of Health Solutions, as well as many subspecialties such as bioinformatics, the Department of Psychology and many others.

Upon completion of this doctoral concentration, graduates have the skills to discover and understand networks of genotype-phenotype associations and to contribute to more effective clinical management of communication disorders using preventative, targeted and interprofessional methods.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (2 credit hours)
SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)
SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Concentration (12 credit hours)

Research (21 credit hours)
SHS 792 Research (12)
research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (9 credit hours)
professional seminars (9)
preliminary exam (0)
comprehensive exams (0)

Culminating Experience (12 credit hours)
SHS 799 Dissertation (12)

Additional Curriculum Information
The concentration courses focus on issues related to translational genetics. These credit hours may be accomplished in regular graduate-level courses (500-level and higher) or in special topic seminars and independent studies. The student's program committee guides selection of these courses, which may be focused on a broad base of areas related to translational genetics. All doctoral graduates with this concentration are required to have foundational knowledge in genetics.

Students complete nine credit hours of SHS 790 Reading and Conference or other similar courses, such as CHS 791 and GRD 791 seminars. Students should see the academic unit for approved concentration courses, professional seminars, research and electives. Other research, seminar and elective courses may be used with approval of the academic unit.

The preliminary exam research project is to be within the field of translational genetics of communication abilities. Each student gives a formal presentation of their prospectus to their program committee. The defense for the preliminary exam research project includes a written document of the research project and an oral defense. This formal research experience during the first three semesters of the program provides students with a jumpstart into research, preparing the student for their subsequent dissertation research.

Prior to commencing dissertation research, the student must pass a comprehensive written examination covering their field of study, which must be orally defended.

When approved by the student's supervisory committee and the Graduate College, this program allows 28 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 28 hours of coursework is to be made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's

degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- application cover letter and personal statement
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International applicants are welcomed as this program has a strong record of training international students. For all applicants of graduate programs at ASU, English proficiency is a requirement. There are several different avenues to demonstrate English proficiency, including through previous academic experiences in English, standardized tests, or through online courses. Students should refer to ASU's Graduate College English proficiency requirements for more details about English proficiency requirements.

Professional letters of recommendation should be from three individuals who can speak to one or more of the following: academic performance, clinical performance, or potential to succeed in a research-intensive doctoral program. The letter writers are typically faculty, clinical or research supervisors. If the applicant has spent some time away from research or academia, it is still recommended to have some letters from those experiences, in addition to a more recent clinical or research supervisor.

In addition to uploading a letter of recommendation, letter writers are asked to rate the applicant on the following:

- academic performance
- analytical skills
- creativity and originality
- emotional maturity
- honesty and integrity
- intellectual potential
- mathematical and statistical skills
- motivation to complete a PhD
- oral communication skills
- promise as a researcher in the discipline
- working with others
- written communication skills.

Letter writers also are asked to respond to the following short answer questions or prompts:
- What is the context in which you have known the applicant?
- Describe instances where you have seen this person go above and beyond?
- Do you have any reservations about this applicant? If yes, what are they?
- Describe an instance where you have seen the applicant demonstrate technical, analytical or problem-solving skills.
- Would you admit this applicant to our PhD program? Why or why not?
- Please provide any additional comments regarding the applicant's potential.

The personal statement, typically one or two double-spaced pages, should include motivation to pursue a PhD with a specific faculty mentor in the program, evidence of potential to succeed in a research-intensive doctoral program, and goals for the future. Examples of evidence of potential to succeed include technical skills, clinical experiences, and research achievements and interests.

Career Opportunities:

Doctoral-level scientists in the field of speech and hearing science are well situated to pursue positions in which they can lead independent research programs, such as a university professor or research scientist in the private or public sectors. There is a particular need for doctorate-level scientists with speech-language pathology or audiology backgrounds in tenure-track academic positions.

Career examples include:

- lecturer
- professor
- program officer in a nonprofit or government agency
- research analyst

• research scientist

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/speech-hearing-science-translational-genetics-communication-abilities-phd
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Strength and Conditioning, MS (NHSTRCDMS)

Online Degree Search Title: Strength and Conditioning, MS
Campus: Downtown Phoenix

Program Description:
The MS program in strength and conditioning focuses on specialized knowledge of human physiology and movement mechanics to optimize the physical abilities of active groups, including athletic and tactical populations, and to prevent injury-related problems.

Required courses address advances in health and performance monitoring, how to design successful exercise and recovery programs for maximum physical performance, and coaching strategies that motivate increased individual effort in sport or work. Students gain practical experience that hones their coaching skills and refines their abilities to motivate individuals to achieve the increased workloads that are necessary for performance improvement.

This program prepares students to sit for certification examinations offered through the National Strength and Conditioning Association to become certified strength and conditioning specialists, tactical strength and conditioning facilitators or certified performance sports scientists.

Degree Requirements:
30 credit hours and a written exam.

Required Core (24 credit hours)
KIN 520 Applied Sport Psychology (3)
KIN 530 Exercise and Sport Physiology (3)
KIN 540 Sport Biomechanics (3)
NTR 555 Nutrition and the Athlete (3)
SSP 501 Data Collection, Analysis and Interpretation in Strength and Conditioning (3)
SSP 530 Advanced Performance Programming (3)
SSP 534 Measurement and Monitoring in Sport and Fitness (3)
SSP 560 Performance Sports Coaching (3)

Other Requirements (6 credit hours)
SSP 584 Internship (6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Information
The written comprehensive exam covers the three coaching application courses SSP 530, SSP 534 and SSP 560.

The internship is a fully immersive experience working under a certified strength and conditioning specialist. Hours are spent learning all aspects of the job in addition to best practices for improving athletic performance.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in exercise science, kinesiology, sports science, exercise physiology, human movement, physical education or a related field from a regionally accredited institution. Applicants with a bachelor's degree in another area may apply and be considered if they can demonstrate that they have experience in strength and conditioning.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

If an applicant does not have a bachelor's degree in one of the areas listed above but has strength and conditioning experience, evidence must be included in either in the professional resume or written statement.

Career Opportunities:

Graduates have acquired the fundamental skills to not only be a strength and conditioning coach but also to pursue a sports scientist career, a career as a tactical performance professional or a career working with high-activity occupations, i.e., military, police, firefighters or emergency medical technicians.

Career opportunities are available as:

- athletic trainers
- exercise physiologists
- fitness trainers and aerobics instructors
- fitness and wellness coordinators
- sports performance coaches or scouts
- sports scientists

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/strength-and-conditioning-ms
HLTHN 401
chsgrad@asu.edu
602-496-3300

Integrative Sciences and Arts, College of

Applied Biological Sciences, MS (TSAPBIOSMS)

Online Degree Search Title: Applied Biological Sciences, MS
Campus: Polytechnic

Program Description:

The MS program in applied biological sciences offers advanced instruction in the ecology and sustainable management of natural and urban ecosystems. Rigorous programs of study involving field and laboratory work are custom-designed to apply ecological or biological principles to problems in species or ecosystem conservation. All programs culminate with the completion of an intensive, research-based thesis or applied project.

The program is supported by faculty members with backgrounds in:

- ecological restoration
- environmental microbiology
- environmental stress physiology
- desert horticulture
- plant-fungal ecology
- plant systematics
- riparian and stream ecology
- wildlife biology

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences (Applied Biological Sciences), BS
Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS
Applied Biological Sciences (Natural Resource Ecology), BS
Applied Biological Sciences (Preveterinary Medicine), BS
Applied Biological Sciences (Secondary Education in Biology), BS
Applied Biological Sciences (Sustainable Horticulture), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (ABS 592 and ABS 593).

Required Core (3 credit hours)
ABS 550 Vegetation Dynamics (3) or
ABS 555 Wildlife Dynamics (3)

Electives or Research (21 credit hours)

Culminating Experience (6 credit hours)
ABS 592 Research (3) and ABS 593 Applied Project (3)
ABS 599 Thesis (6)

Additional Curriculum Information
The electives coursework is chosen to support the student's educational objectives.

Students choose a thesis or applied project option. A final oral examination covering the thesis and related subject matter is required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• statement of intent
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are expected to have completed 18 credit hours in biological sciences and closely related courses. Specific fields of study may have specific expectations regarding courses taken at the undergraduate level. Applicants not meeting these course requirements may be considered for admission with deficiencies.

The statement of intent should not exceed 600 words and should explain the applicant's interest in environmental resources, as well as their academic background and educational objectives.

The letters of recommendation should be from references who are qualified to comment on the applicant's potential in the selected area of study.

Department faculty evaluate the applications and supporting materials and recommend to Graduate Admission Services whether the applicant should be granted admission, either regular or provisional, or denied admission. If admission is provisional, the Graduate College specifies in its letter of admission the provisions that need to be met to gain regular status. The school informs successful applicants of the procedures for

enrollment.

Career Opportunities:

Professionals with expertise in the study of evolution, natural history and conservation of plants and animals are in high demand across sectors and industries, including county and state organizations as well as community management. Those with skills in laboratory work, field research and data analysis are valuable to businesses and institutions that are building deep connections within leading scientific and technological industries to create innovative solutions to challenging global problems in a technologically focused 21st century world. Studying biology can lead to a wide range of careers, such as research, teaching, health care, and policy development.

Career examples include:

- biologists
- fish and wildlife biologists
- medical scientists
- natural science managers
- postsecondary biological science teachers

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

Counseling, MC (EDCOUNMC)

Online Degree Search Title: Counseling, MC
Campus: Tempe

Program Description:

The MC program is approved by the Arizona Board of Behavioral Health Examiners (https://www.azbbhe.us/node/553 (https://www.azbbhe.us/node/553)).

The mission of the 60 credit hour program is to prepare students to become licensed professional counselors in Arizona and other states with comparable licensure requirements.

With its strong focus on multicultural counseling across the lifespan, students in the Master of Counseling program learn to promote the health of individuals, families, groups and organizations in a diverse society.

Faculty research and clinical foci include:

- advocacy
- children and adolescents
- counseling process and outcome
- couple and family relationships
- crisis assessment
- culturally responsive treatment
- mental health disparities
- nonbinary stress and resilience
- play therapy

The program instills in students the importance of research in advancing the counseling profession. The crucial link between science and practice is evident in the three complementary functions of the program's state-of-the-art Counselor Training Center: clinical service provision, high-quality training, and innovative process and outcome research.

The Master of Counseling program has endorsed the American Counseling Association's Code of Ethics and the following American Counseling Association competencies: ALGBTIC Competencies for Counseling LGBQIQA Individuals (2012), Competencies for Counseling the Multiracial Population (2015), Multicultural and Social Justice Counseling Competencies (2015), Competencies for Addressing Spiritual and Religious Issues in Counseling (2009) and Multicultural Career Counseling Competencies (2009).

Degree Requirements:

60 credit hours and a thesis, or 60 credit hours and a written comprehensive exam.

Required Core (36 credit hours)
CED 501 Introduction to Research and Evaluation in Counseling (3)
CED 502 Counseling Research Data Analysis (3)
CED 522 Theories of Counseling and Psychotherapy (3)
CED 523 Psychological Tests (3)
CED 527 Prevention and Consultation (3)
CED 529 Lifespan Human Development (3)
CED 534 Occupations and Careers (3)
CED 545 Analysis of the Individual (3)
CED 567 Group Dynamics and Counseling (3)
CED 577 Counseling Prepracticum (3)
CED 645 Professional Issues and Ethics (3)
CED 671 Multicultural Counseling (3)

Electives or Research (6-12 credit hours)

Other Requirements (12 credit hours)
CED 680 Practicum: Seminar (3)
CED 680 Practicum: Clinic (3)
CED 684 Internship (6)

Culminating Experience (0-6 credit hours)
CED 599 Thesis (6) or
written comprehensive exam (0)

Additional Curriculum Information
Students choose either a thesis or written comprehensive exam pathway. The written comprehensive exam is for students in the practitioner pathway, and they take 12 credit hours of elective coursework. The thesis option is for students who are focusing their program on research, and they take six credit hours of research coursework plus six credit hours of thesis.

The clinical portion of the program is comprised of CED 680 Practicum Seminar and Clinic and CED 684 Internship. These are required for all students. CED 580 Practicum Clinic and CED 584 Internship may be taken by students needing to log required clinical hours after CED 680 and CED 684 are completed. CED 580 and CED 584 are not required unless additional clinical hours are needed.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two- to three-page personal statement
- at least two and a maximum of three letters of recommendation
- proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. This program requires a TOEFL score of at least 600 (pBT) or 100 (iBT).

Finalists are invited for a virtual interview.

Nonacademic, Professional, or Life Experiences:
Applicants are required to submit a two- to three-page personal statement (12pt. Times New Roman font with 1" margin, double-spaced) that indicates their qualifications (e.g., professional experiences and personal attributes) and interest in ASU's MC program. Specifically, applicants are asked to describe how their education and training as well as volunteer and professional experiences inform why they want to pursue the MC degree. They also should outline how the program will help them meet their future goals. Applicants are expected to discuss their ability to work with

and be sensitive to the needs of a multicultural and diverse society, including but not limited to members of diverse racial and ethnic groups and sexual minority individuals.

Recommendations:
At least two and at most three recommendation letters are required. These should be from persons able to evaluate the applicant's academic potential (e.g., faculty member) and professional or volunteer experience (e.g., a supervisor). Applicants are discouraged from asking for recommendations from individuals or acquaintances who have not overseen their professional, volunteer or academic work.

Students should see the program website for application deadlines.

Career Opportunities:
Graduates of the Master of Counseling program meet licensure requirements as a professional counselor with the Arizona Board of Behavioral Health Examiners. Because requirements vary by state, students should consult the licensing requirements for the state in which they tend to reside.

Graduates provide clinical services in a range of settings, such as community agencies, hospitals, private practice, and university counseling centers. The program also prepares graduates who wish to pursue doctoral-level studies.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Counseling Psychology, PHD (EDCPSYPHD)

Online Degree Search Title: Counseling Psychology, PhD
Campus: Tempe

Program Description:
This American Psychological Association-accredited PhD program in counseling psychology adheres closely to the scientist-practitioner training model in preparing graduates for employment in academic and clinical settings.

Although faculty interests are diverse, there is a common emphasis on using empirical data as the basis for culturally-responsive professional practice. The program boasts a strong commitment to diversity, equity and inclusion as evidenced in course offerings, clinical training, professional development activities, and research foci.

Faculty research foci include the following:

- acculturative stress
- cultural socialization
- mental health disparities
- microaggressions
- psychotherapy process and outcome
- retention in graduate education
- social and personal relationships
- socioeconomic status and financial stress
- trans and non-binary minority stress and resilience

Students enjoy exceptional clinical opportunities including placement in local hospitals, university and college counseling centers, community agencies and assessment sites. The program's state-of-the-art Counselor Training Center provides practicum experiences with campus and community clients as well as clinical supervision experiences. The center supports three complementary functions: clinical service provision, high-quality training, and innovative process and outcome research.

Degree Requirements:

113 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral curriculum typically requires three to four years of full-time graduate study plus a yearlong internship in an APA-approved setting. Each of these years involves coursework pertaining to theory, research and practice in counseling psychology.

Students are expected to maintain full-time status. This requirement applies only to the academic year and not summer sessions.

At a minimum, students are required to complete two years of coursework in residence at ASU.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- a completed biographical information form
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be single-spaced, roughly 600-800 words, and it should describe the applicant's history, academic and professional goals, and reasons for selecting the counseling psychology program at ASU.

Applicants must submit a sample of their expository writing (e.g., taken from a paper prepared for a course or a report on a project the applicant has completed in this field) not to exceed 1MB.

At least two of the recommendation letters must be from persons familiar with the applicant's academic work.

Applicants should see the program website for application deadlines.

Career Opportunities:

Graduates of the counseling psychology doctoral program meet the licensure requirements of most states. Because requirements vary by state, it is recommend that students consult the licensing requirements for the state in which they intend to reside.

Graduates provide clinical services in a variety of settings, such as community agencies, hospitals, private practice and university counseling centers. Graduates also are employed in academic positions in universities across the country.

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Integrative Social Science, MS (LSISSMS)

Online Degree Search Title: Integrative Social Science, MS
Campus: Polytechnic

Program Description:
The MS in integrative social science is an advanced degree program designed to cross-educate students in the social sciences in order to meet the complex issues that confront human society in a technically sophisticated 21st century world.

The emphasis of the program lies in bridging traditional disciplinary boundaries to immerse students in the myriad theories and skills available across disciplines which would elude them in traditional disciplinary social science programs. Thus, graduates of the program are prepared with theory and research skill sets that allow them to draw from the best of the multiple disciplines of the social sciences.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Integrative Social Science, BS
> Political Science, BS
> Science, Technology and Society, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including a thesis, or 30 credit hours including an applied project (ISS 593).

Required Core (12 credit hours)
ISS 501 Advanced Integrated Social Research Methods (3)
ISS 502 Advanced Seminar in Integrated Social Science (3)
ISS 504 Advanced Integrated Theories of Social Science (3)
ISS 505 Multivariate Methodologies of Social Science (3)

Electives or Research (12 credit hours)

Other Requirement (3 credit hours)
ISS 584 Internship (3)

Culminating Experience (3-6 credit hours)
ISS 593 Applied Project (3) or
ISS 599 Thesis (6)

Additional Curriculum Information
Students choose either the thesis or applied project option. The internship is only required for students in the applied project option and is a structured practical experience that follows a contract or plan that is supervised by faculty and practitioners.

For the elective and research coursework, students choose from a list of preapproved courses for a total of 12 credit hours. Students should contact the academic unit for a list of possible courses. Other courses may be used with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any social science or interdisciplinary field such as political science, sociology, philosophy, economics, psychology, public policy, administration or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

Professionals with expertise in analyzing complex social and global issues are in high demand across sectors and industries, including business, public administration, politics and community organizations. Those who possess skills in the analysis of social phenomena and complex social problems are valuable to businesses and institutions relying on data-driven strategies for engagement and growth.

Career examples include:

- city planner
- community health worker
- mediator
- regulatory affairs manager
- transportation planner

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Liberal Studies, MLSt (LAMLSMLS)

Online Degree Search Title: Liberal Studies, MLSt
Campus: Tempe, Online

Program Description:

The MLSt program offers students interested in creative, critical and integrative approaches to the study of human ideas and values an opportunity to explore, experiment with, and integrate a range of liberal studies insights.

The program is intended for students seeking a graduate degree that explores the integration of humanities questions with relevant political, religious, social and scientific insights. Throughout the program, students develop concrete creative and critical tools to respond to these urgent questions of the contemporary moment. This interdisciplinary approach trains students in the skills needed for the jobs of the future: communication, research and an understanding of the diverse and changing world.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, BA
History, BA
Interdisciplinary Studies, BA
Interdisciplinary Studies (Organizational Studies), BA
Liberal Studies, BA
Organizational Leadership, BA
Organizational Leadership (Project Management), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (MLS 593).

Required Core (9 credit hours)
MLS 501 Writing About Social Issues (3)
MLS 502 Religion, Culture and Health: Where Cultures Intersect (3)

MLS 503 Ethics, Science and Culture (3)
MLS 504 Film Analysis (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
MLS 593 Applied Project (3)

Additional Curriculum Information
Students choose three of the four courses listed above to fulfill the nine credit hour core requirement.

Emphasis areas available are borders (migration, health and cultural identity); gender, religion and culture; and science, nature and creative nonfiction writing.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a letter of interest in the program
• a resume, biographical statement or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-liberal-studies/)

Career Opportunities:
Professionals with excellent critical problem-solving and communication skills are in high demand across sectors and industries, including business, media, entertainment, politics and community organizations. Skills in communication, creative practice, as well as the collection and critical analysis of data for the development of impactful content are valuable to businesses, nonprofit sectors and institutions relying on relevant strategies to engage and serve diverse audiences.

Career examples include:

• archivist
• business manager of artists, performers and athletes
• market research analyst
• public relations specialist
• writer or creative writer

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Liberal Studies (Film and Media Studies), MLSt (LAFMSMLS)

Online Degree Search Title: Liberal Studies (Film and Media Studies), MLSt

Campus: Tempe

Program Description:
The MLSt program with a concentration in film and media studies offers students an opportunity to explore liberal studies insights relevant to the scholarship of film and media in society.

The program is intended for students seeking a graduate degree that explores the integration of humanities questions with relevant political, religious, social and scientific insights. Throughout the program, students develop concrete creative and critical tools to respond to these urgent questions of the contemporary moment.

Studies focus on the culture, aesthetics and theory of film and media.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> English, BA
> History, BA
> Interdisciplinary Studies, BA
> Interdisciplinary Studies (Organizational Studies), BA
> Liberal Studies, BA
> Organizational Leadership, BA
> Organizational Leadership (Project Management), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (MLS 593).

Required Core (9 credit hours)
MLS 501 Writing About Social Issues (3)
MLS 502 Religion, Culture and Health: Where Cultures Intersect (3)
MLS 503 Ethics, Science and Culture (3)
MLS 504 Film Analysis (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
MLS 593 Applied Project (3)

Additional Curriculum Information
Students choose three of the four courses listed above to fulfill the nine credit hour core requirement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • a letter of interest in the program
 • a resume, biographical statement or curriculum vitae
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Professionals with excellent critical problem-solving and communication skills are in high demand across sectors and industries, including business, media, entertainment, politics and community organizations. Skills in communication, film and media analysis, creative practice, as well as the collection and critical analysis of diverse data for the development of impactful content are valuable to businesses, nonprofit sectors and institutions relying on relevant strategies to engage and serve diverse audiences.

Career examples include:

- agent of artists, performers and athletes
- educator
- film, art and culture critic
- media and communications worker

Contact Information:
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Narrative Studies, MA (LSNRSMA)

Online Degree Search Title: Narrative Studies, MA
Campus: Polytechnic

Program Description:
The MA in narrative studies is a comprehensive program that explores narrative and storytelling across a range of cultures and historical periods.

With curriculum emphasis on teaching and research, students study the structural, social, cultural, rhetorical and historical aspects of narrative and storytelling in texts, film and other media.

Graduates are primed for critical and eloquent engagement with the world beyond the university.

Degree Requirements:
30 credit hours including the required capstone course (ENG 597).

Required Core (6 credit hours)
ENG 503 History of Narrative (3)
ENG 509 Studies in Narrative Writing (3)

Electives or Research (21 credit hours)

Culminating Experience (3 credit hours)
ENG 597 Graduate Capstone Seminar (3)

Additional Curriculum Information
Students choose six courses from a restricted list for a total of 21 credit hours. Students should see the academic unit for the approved course list. Other courses (ENG,COM, FMS, HST or appropriate field) may be utilized for up to six credit hours with approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field such as English or any humanities discipline.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- written letter of intent that includes a detailed statement of purpose
- portfolio of at least three documents
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The portfolio must include at least three documents that demonstrate the applicant's ability to write in a variety of genres. Portfolio documents can include both academic and professional writing for a range of audiences and purposes. At least one of the documents must be a sample of academic writing. One of the three documents can be a sample of creative writing. The portfolio should be 15 to 30 total pages in length. The writing samples in the portfolio are evaluated using a rubric that considers several criteria, including intellectual focus, strength of argument and documentation, awareness of audience, organization, clarity, mechanical soundness and overall effectiveness.

The letters of recommendation should be either academic or professional and speak to the background and capabilities of the applicant.

Career Opportunities:
Graduates are equally prepared to become candidates for further academic studies, to advance their careers as area educators in the language arts, and to step into one of the many professions that value creativity, critical thinking and highly skilled communication, including teaching, writing, online publishing and editing.

Professionals with expertise in narrative are in high demand across many sectors and industries, including publishing, media, entertainment, marketing and politics. Skills in crafting and interpreting narratives are valuable to businesses and institutions that communicate, entertain and educate.

Career examples include:
- copy writer
- creative writer
- editor
- freelance writer
- high school teacher

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Organizational Leadership, MS (LSORGLMS)
Online Degree Search Title: Organizational Leadership, MS
Campus: Polytechnic, Tempe, Online

Program Description:
The MS program in organizational leadership offers a theoretically and methodologically rigorous approach to studying and creating use-inspired research needed to impact organizational leadership.

Students explore areas such as organizational dynamics, institutional evolution, strategic change, leading diverse teams, collaborative governance, conflict mediation, critical problem-solving and leadership assessment, and they learn advanced methodological and statistical skills.

The program places special emphasis on learning best practices and other applied aspects of leading organizations. Students tailor their degree to their interests through a vast array of leadership elective courses. In consultation with a faculty advisor, students choose from many different elective courses, such as not-for-profit leadership and intercultural leadership.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, BA

History, BA

Interdisciplinary Studies, BA

Interdisciplinary Studies (Organizational Studies), BA

Liberal Studies, BA

Organizational Leadership, BA

Organizational Leadership (Project Management), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours including the required applied project course (OGL 593).

Required Core (9 credit hours)

OGL 520 Organizational Leadership: Social Psychological Perspectives (3)

OGL 530 Critical Perspectives in Leadership Theory (3)

OGL 540 Evidence-Based Inquiry in Organizational Leadership (3)

Required Methods Courses (6 credit hours)

OGL 550 Leading Organizational Change (3) and OGL 570 Analyzing Organizations (3); or

OGL 574 Qualitative Data Analysis in Leadership Research (3) and OGL 575 Quantitative Data Analysis in Leadership Research (3)

Restricted Electives (12 or 15 credit hours)

Culminating Experience (3 or 6 credit hours)

OGL 593 Applied Project (3)

OGL 599 Thesis (6)

Additional Curriculum Information

Students complete either an applied project or thesis for the culminating experience.

For the required methods coursework, students complete OGL 550 and 570 if in the applied project culminating experience option. Students in the thesis option complete OGL 574 and 575.

Students select four or five courses from a restricted elective list depending on the culminating experience selected. Students should see the academic unit for the approved restricted elective list.

Other courses may be used for the methods and elective coursework with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any area or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- letter of intent
- professional resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. This applicant is expected to have either a TOEFL score of 600 on the traditional paper-based test or 100 on the internet-based test, or the applicant must have a passing score in the English for Graduate Admission online course through ASU Global Launch.

GRE or GMAT scores are recommended but not required.

All applicants must submit a written letter of intent that includes a detailed statement of purpose addressing how the program goals coincide with the student's personal and professional objectives. The essay is evaluated on the basis of content, presentation and evidence of graduate-level writing ability; the essay maximum is 500 words.

The professional resume or curriculum vitae are limited to two pages in length.

Applicants must submit two letters of reference that focus on the ability of the applicant to do academic work.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:

Professionals with skills and expertise in critical thinking, organizational social psychology, teamwork, strategic change and leadership theory are in high demand across global industries. Organizations such as governmental agencies, Fortune 500 companies and those in the nonprofit sectors look for prepared professionals with a wide array of the skills that are optimized throughout this degree program.

Career examples include:

- CEO
- college professor
- human resource manager
- market research analyst
- training and development manager

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Project Management, MPM (LSPMGMPM)

Online Degree Search Title: Project Management, MPM
Campus: Polytechnic, Tempe, Online

Program Description:

The MPM program provides students the expertise and credentials needed for advanced positions as project managers and project leaders in a wide range of public, private and nonprofit settings.

Students learn to plan and execute complex projects by applying advanced project management skills like project risk management, project quality management, project schedule management, project cost management, project resource management, project procurement management, project score management, project stakeholder management, project integration management and project leadership. Students learn multiple approaches to project management including including waterfall, Agile and Scrum methodologies.

Degree Requirements:

33 credit hours including the required applied project course (PMG 593).

Required Core (12 credit hours)
PMG 501 Project Management Theory (3)
PMG 502 The Thoughtful Project: Aligning Purpose with Approach (3)
PMG 503 Impact Analysis and Sustainability in Project Management (3)
PMG 504 Social Psychological Perspectives in Project Management (3)

Case Study Simulation Required Courses (3 credit hours)
PMG 510 Case Study Simulation: Scope, Schedule, and Cost Management (1)
PMG 511 Case Study Simulation: Risk and Procurement Management (1)
PMG 512 Case Study Simulation: Quality, Resource, and Communication Management (1)

Restricted Electives in Methods, Techniques and Contexts in Leading Projects (12 credit hours)

Other Requirement (3 credit hours)
PMG 582 Developing the Plan in Project Management (3)

Culminating Experience (3 credit hours)
PMG 593 Applied Project (3)

Additional Curriculum Information
For the Methods, Techniques and Contexts in Leading Projects restricted electives, students choose 12 credit hours from an approved course list. Students should see the academic unit for the complete list of courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any area or any related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- letter of intent
- professional resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For proof of English proficiency, applicant is expected to have either a TOEFL score of 600 on the traditional paper-based test or 100 on the internet-based test, or the applicant must have a passing score in the English for Graduate Admission online course through ASU Global Launch.

GRE or GMAT scores are recommended but not required.

All applicants must submit a written letter of intent that includes a detailed statement of purpose addressing how the program goals coincide with the student's personal and professional objectives. The essay is evaluated on the basis of content, presentation and evidence of graduate-level writing ability (the limit is 500 words, maximum).

The professional resume or curriculum vitae are limited to two pages in length.

Applicants must submit two letters of reference that focus on the ability of the applicant to do academic work.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-project-management/)

Career Opportunities:
Graduates can employ advanced project management approaches, processes, structures, and techniques, effectively contributing to development and deployment of project management methodologies that achieve organizational goals, solve problems, and effect change around the globe. They are prepared for a range of positions in the public and private sectors, including government, information technology, nonprofit agencies, businesses of many kinds and in the service industry.

Graduates are prepared for jobs as technical project managers, project managers versed in the Agile methodology and others, senior project managers, portfolio or project managers or directors of project management. In addition, students may seek advanced study in the form of the Project Management Professional credential.

Career examples include:

- project manager
- information technology project manager

- construction manager
- cost estimator
- compliance manager

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Technical Communication, MS (LSTCCMMS)

Online Degree Search Title: Technical Communication, MS
Campus: Polytechnic, Online

Program Description:
The MS program in technical communication teaches students how to design, produce and manage print and digital texts using traditional and developing technologies.

The curriculum provides students with a comprehensive understanding of the professional, cultural and ethical issues that shape the field; it balances theory and practice to ensure students develop the analytical abilities, technological expertise and hands-on skills necessary for success as a technical communicator.

Students complete the program as accomplished writers, editors, designers and researchers who are able to respond effectively to a range of audiences, issues and communication situations.

Degree Requirements:
36 credit hours including a thesis, or 36 credit hours including the required applied project course (TWC 593), or 36 credit hours including the required capstone course (TWC 596).

Required Core (6 credit hours)
TWC 504 Applied Rhetoric and Technical Communication (3)
TWC 505 Research in Technical and Applied Communication (3)

Restricted Electives (21 or 27 credit hours)

Other Requirement (0 or 3 credit hours)
TWC 506 Research Design and Development (3)

Culminating Experience (3 or 6 credit hours)
TWC 593 Applied Project (6) or
TWC 596 Technical Communication Capstone (3) or
TWC 599 Thesis (6)

Additional Curriculum Information
Students who do not have previous technical communication coursework or relevant industry experience must take TWC 501 Fundamentals of Technical Communication as a restricted elective. For a full list of the approved electives courses, students should inquire at the academic unit offices.

Students complete an applied project, capstone course or thesis for the culminating experience. Students who choose the capstone option will complete a total of 27 elective credit hours.

TWC 506 is a requirement for students completing an applied project or thesis only.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- portfolio
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Since this degree requires a high degree of proficiency in English, an applicant whose native language is not English is expected to have one the following TOEFL scores: 600 traditional paper-based, 100 internet-based, or 250 computer-based.

All applicants must submit a written letter of application that includes a detailed statement of purpose as well as a portfolio of at least three documents that demonstrate the applicant's ability to write in a variety of genres. Portfolio documents can include both academic and professional writing for a range of audiences and purposes and need not be in the area of technical communication. The portfolio should be 15 to 30 pages in length. The writing samples in the portfolio are evaluated using a rubric that considers several criteria, including a demonstration of the ability to focus on a specific purpose and to meet audience needs and show organization, clarity, mechanical soundness and overall effectiveness.

All applicants must submit three letters of reference, either academic or professional, that speak to the background and capabilities of the applicant.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-technical-communication/)

Career Opportunities:

Professionals with expertise in technical communication are in high demand across sectors and industries, including technology, business, entertainment, education and community organizations. Graduates are prepared for technical communication positions in the private, public and nonprofit sectors and offers professionals the opportunity to further advance their careers.

Skills in the analysis of users and data, writing and creating visuals, and managing online and multimedia content are valuable to businesses and institutions relying on rhetorical awareness and understanding of complex information to manage specialized content and to translate them to broad audiences for maximum impact.

Career examples include:

- instructional designer
- IT project manager
- public relations manager
- quality assurance analyst and tester
- social media manager
- technical writer
- user experience specialist
- web content developer

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/tech-comm
SANCA 233
CISA@asu.edu

480-727-1526

Technical Communication (certificate), Certificate (LSTECGRCT)

Online Degree Search Title: Technical Communication (Graduate Certificate)
Campus: Polytechnic, Online

Program Description:
Through the technical communication program, students learn how to produce and communicate technical information using traditional and digital technologies.

Degree Requirements:
18 credit hours.

Core Requirement (9 credit hours)
TWC 501 Fundamentals of Technical Communication (3)

Choose two of the following courses:
TWC 511 Principles of Visual Communication (3)
TWC 521 Principles of Web Authoring (3)
TWC 531 Principles of Technical Editing (3)

Electives (9 credit hours)

Additional Curriculum Information
Students choose any 500-level TWC courses as their electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Disclosure information for this U.S. Department of Education Gainful Employment program is available at https://catalog.asu.edu/files/disclosures/LSTECGRCT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/LSTECGRCT/Gedt.pdf).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/technical-communication-graduate-certificate/)

Career Opportunities:
Graduates who have combined the certificate in technical communication with their major program of study may be more marketable to employers. They often decide to pursue employment in technical writing, web content development and editing.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/tech-comm/grad
SANCA 233

CISA@asu.edu
480-727-1526

User Experience, MS (ESUSEXMS)

Online Degree Search Title: User Experience, MS
Campus: Polytechnic, Online

Program Description:
The MS program in user experience combines topics in web, human factors, visual displays and technical communication to make products, systems and services useful, usable and desirable.

Students learn how to research user needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered evaluation methods.

User experience skills are increasingly valued by industry yet are not typically covered in depth in traditional engineering or technical communication programs.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Graphic Information Technology (User Experience), BS
    Human Systems Engineering (User Experience), BS
    Technical Communication (User Experience), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (18 credit hours)
GIT 540 Cross-Media Design Solutions (3)
GIT 542 Usability and User Experience (3)
HSE 521 Methods and Tools in Human Systems Engineering (3)
HSE 542 Foundations of Human Systems Engineering (3)
TWC 501 Fundamentals of Technical Communication (3)
TWC 544 User Experience (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
portfolio (0)

Additional Curriculum Information
Students should see the academic units for a complete list of approved electives and research courses. Other courses may be used with approval of the academic units.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Ira A. Fulton Schools of Engineering and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in related fields such as psychology, graphic information technology, graphic design, human systems engineering, business, cognitive science, design or technical communication from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts

- personal statement
- professional resume
- writing sample
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. https://globallaunch.asu.edu/learn-english/online-english/english-for-admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission)

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/online-user-experience-masters/)

Career Opportunities:

Graduates with this degree possess the skills in research, analysis, design and communication to be UX professionals who effectively lead teams and collaborate with clients and technical personnel.

UX is a rapidly growing field. Graduates can typically expect to find jobs in the areas of:

- design research
- digital visualization design
- human-computer interaction
- human factors research
- interaction design
- interface design
- usability testing
- user experience
- user research

Contact Information:

Integrative Sciences and Arts, College of
Human Systems Engineering
https://poly.engineering.asu.edu/advising/
SUTON 240
polygrad@asu.edu
480-727-4723

Interdisciplinary Arts and Sciences, New College of

Biological Data Science, MS (ASBDSMS)

Online Degree Search Title: Biological Data Science, MS
Campus: West, Online

Program Description:

The MS program in biological data science provides students with a foundation in biology and computational methods along with hands-on training through real-world projects at the interface of the natural and mathematical sciences.

Students learn to manipulate big data, including the generation and analysis of data using statistical and computational toolsets. Students use their analytical skills in ecological, environmental, toxicological and other biological applications. The program incorporates multiple levels of experiential learning to ensure students gain critical thinking skills in addition to core competencies.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Computing, BS
Applied Mathematics, BS
Biology, BA
Biology, BS
Pharmacology and Toxicology, BS
Statistics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
32 credit hours and a thesis, or 32 credit hours including the required applied project course (ACO 593, BIO 593 or MAT 593), or 32 credit hours including the required capstone course (LSC 586).

Required Core (12 credit hours)
ACO 501 Database Systems and Problem Solving in Python (3)
LSC 555 Integrative Biology I (3)
LSC 556 Integrative Biology II (3)
LSC 562 Applied Mathematics Techniques in Biology (3)

Other Requirements for Campus Immersion (8 credit hours)
LSC 547 Wet Laboratory Experience (1)
LSC 598 Topic: Statistics for Biological Data Science I (3)
LSC 598 Topic: Statistics for Biological Data Science II (3)
LSC 519 Applied Learning Lab (1)

Other Requirements for Digital Immersion (14 credit hours)
ACO 580 Practicum (3)
LSC 598 Topic: Statistics for Biological Data Science I (3)
LSC 598 Topic: Statistics for Biological Data Science II (3)
LSC 519 Applied Learning Lab (2)
LSC 585 Capstone I in Biological Data Science (3)

Electives (3 or 6 credit hours)

Culminating Experience (3 or 6 credit hours)
ACO 593 Applied Project (6)
BIO 593 Applied Project (6)
MAT 593 Applied Project (6)
ACO 599 Thesis (6)
BIO 599 Thesis (6)
MAT 599 Thesis (6)
LSC 586 Capstone II in Biological Data Science (3)

Additional Curriculum Information
The Master of Science program in biological data science is delivered through the campus immersion or digital immersion modality. Culminating experiences require three or six credit hours with various options based on modality.

Students in the campus immersion modality select either an applied project or thesis for the culminating experience based on their interests and career goals in biological data science. The applied project option usually results in a written report summarizing the work that was completed. The thesis is best suited for students who want to pursue a research career because it requires an oral defense and the written thesis is considered a publication. These students complete the courses listed under Other Requirements for Campus Immersion and select six credit hours of electives in consultation with the academic unit.

The capstone course option is reserved for students in the digital immersion modality. These students complete the courses listed under Other Requirements for Digital Immersion and select three credit hours of electives in consultation with the academic unit. The capstone course will incorporate a work-based learning model and provide industry-relevant projects for students.

Courses from the other requirements lists above may be substituted if students receive approval from the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as biology, mathematics, statistics or computing, as well as unrelated fields, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • two letters of recommendation
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is preferred that letters of recommendation be from faculty members who know the applicant's work well; if these are not available, letters of recommendation from individuals in supervisory or professional roles will be accepted.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

Depending on the applicant's educational background, deficiency courses may be required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/biological-data-science-masters/)

Career Opportunities:
The proliferation of big data sets generated in biological science fields has dramatically increased the demand for individuals with the solid skill sets they need to manipulate and interpret this data.

Graduates are ready to enter one of the fastest-growing job markets to work with consulting firms, government agencies as well as nongovernmental organizations, in data science, informatics, data analytics, database development and mathematical modeling of biological systems that are relevant to a variety of industries. They are well suited for employment in positions such as:

  • bioinformatics data scientist
  • chemical biology data scientist
  • clinical data analyst
  • computational biologist
  • data engineer, data mining engineer
  • database developer
  • fisheries scientist, dairy scientist, animal scientist
  • genomic scientist
  • natural resources data scientist
  • pharmaceutical scientist

Graduates also are ready to seek advanced professional or graduate degrees, such as in medical, dental, veterinary and public health fields.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biological-data-science-ms
FAB N100
ncgradadvising@asu.edu
602-543-3000

Biological Data Science (Certificate), Certificate (ASBDSGRCT)

Online Degree Search Title: Biological Data Science (Graduate Certificate)
Campus: West, Online

Program Description:

This biological data science certificate program sits at the intersection of biology, computing, mathematics and statistics, providing students in any of these disciplines the unique opportunity to develop an integrative tool set that is in high demand for the analysis of data in the context of biological applications. It provides students with real-world training at the interface of the natural and mathematical sciences.

Students learn to manipulate "big data," including the generation and analysis of data using statistical and computational toolsets. Students can use their analytical skills in ecological, environmental, toxicological and other biological applications and are prepared to work in emerging areas of interdisciplinary and transdisciplinary research.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
ACO 501 Database Systems and Problem Solving in Python (3)

Other Requirements (6 credit hours)
LSC 598 Topic: Statistics for Biological Data Science I (3)
LSC 598 Topic: Statistics for Biological Data Science II (3)

Restricted Electives (6 credit hours)
FOR 540 Advanced Topics in Human Forensic DNA Typing (3)
LSC 555 Integrative Biology I (3)
LSC 556 Integrative Biology II (3)
LSC 562 Applied Mathematics Techniques in Biology (3)
STC 510 Data Wrangling (3)

Additional Curriculum Information
Other requirement and restricted elective coursework may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should respond directly to questions one and two below. Responses to each prompt should be limited to 250 words or less.
  • Describe your career goals and how a graduate certificate in biological data science will help you achieve those goals
  • Biological data science is a discipline that spans a broad range of biological topics from molecular biology to ecology, and uses a variety of computational methods. Briefly describe two aspects of biological data science that you are most interested in and why.
  • Optional) If there are any extenuating circumstances that affected your undergraduate performance, or that affect you now, you may use this space to explain your situation. You do not need to complete this section if you feel that your application meets all requirements for admission into the program.

A professional resume may be included in the application materials, but is optional.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biological-data-science)

Career Opportunities:

With the multiple levels of experiential learning in the program, graduates of the biological data science certificate are ready to enter one of the fastest-growing job markets; work with consulting firms, government agencies as well as non-governmental organizations; or go on to seek advanced professional or graduate degrees. Students completing this graduate certificate have the foundation to enter a broad range of careers that require skills in analytical reasoning, computer programming and database design.

Career fields relevant to the certificate program include:

- bioinformatics
- data management and databases
- data processing, hosting and related services
- environmental consulting
- marketing or advertising for companies with large consumer data sets
- research data analysis
- work in health care industries that involves dealing with patient data

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/
FAB N100
NCGradAdmissions@asu.edu
602-543-3000

Communication Studies, MA (ASCOMSTMA)

Online Degree Search Title: Communication Studies, MA
Campus: West

Program Description:

The MA in communication studies is a cutting-edge degree program designed for students who wish to pursue a wide range of today's communication professions.

With special emphases on both advocacy and social technologies as defining themes, students can tailor the program to their personal goals, focusing on topics such as interpersonal, organizational, sport, environmental, social media politics and global or technology-mediated communication.

Students use multiple perspectives to explore a variety of topics and issues in communication.

These include how individuals and collectives participate effectively in personal relationships; organizational settings and public dialogues across cultural contexts; and the impact and effects of media, mediated representations and new technologies. They also learn to use communication strategically to advocate for others.

Graduates are prepared to pursue doctoral work or careers in a variety of communication-driven fields such as public affairs, public relations, employee development, strategic communication, community relations and grassroots movements through exposure to a variety of research methods, theories and practical applications.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Studies, BA
Applied Science, BAS
Biology, BA
Communication, BA
Communication, BS
Environmental Science, BA
Ethnicity, Race and First Nations Studies, BA
Gender, Women and Sexuality Studies, BS
Global Management, BGM
History, BA
Interdisciplinary Arts and Performance, BA

Interdisciplinary Arts and Sciences, BA
Latin American Studies, BA
Philosophy, Religion and Society, BA
Political Science, BA
Political Science, BS
Psychology, BA
Psychology, BS
Social and Behavioral Sciences, BA
Social and Behavioral Sciences, BS
Sociology, BS
Sociology, BA
Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
36 credit hours and a written comprehensive exam, or 36 credit hours including an applied project (CMN 593) and a written comprehensive exam, or 36 credit hours, a written comprehensive exam and a thesis.

Required Core (9 credit hours)
CMN 502 Theory and Practice in Communication and Persuasion (3) or CMN 522 Argumentation and Advocacy (3)
CMN 505 Methods in Applied Communication Research (3)
CMN 506 Humanistic Inquiry and Field Research in Communication (3)

Electives (up to 27 credit hours)

Culminating Experience Options (0-6 credit hours)
CMN 593 Applied Project, with written comprehensive exam (3)
CMN 599 Thesis, with written comprehensive exam (6)
written comprehensive examination (0 credit hours)

Additional Curriculum Information
Electives are selected in consultation with the student's program advisor and may include courses with either the CMN (communication) or STC (social technology) prefixes. When appropriate, students may take up to six credit hours outside the program (non-CMN and STC prefix).

The thesis or applied project must demonstrate intellectual ability, academic ability and professional growth. The thesis is supervised and approved by the student's advisor and committee. An oral defense is required for the thesis. The applied project is supervised by the student's advisor. The achievements or results of the applied project should be made available to the public in the form of a presentation, poster, report or other form negotiated with the faculty advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • statement of purpose
 • three letters of recommendation
 • an academic writing sample (preferred) or professional writing sample
 • resume or curriculum vitae (optional)
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well; if faculty members are not available, then the applicant may submit letters of recommendation from individuals in supervisory or professional roles.

Career Opportunities:

The Master of Arts degree program in communication studies helps prepare graduates for jobs in corporate communication, journalism, mass media, politics, higher education or a wide range of other fields. Graduates already employed may find the skills they acquired through the program are helpful for career advancement; some leadership positions require a master's degree. Those interested in changing careers may pursue a master's in a communication studies to align with their particular professional goals. This master's degree can also prepare graduates for doctoral studies where they will conduct research or a career in higher education educating students.

Career examples include:

- fundraising manager
- human resources manager
- internal communications manager
- journalist
- learning and development analyst
- marketing: account executive, consultant or research analyst
- political campaign manager
- professor: community college, tenure-track or nontenure track academic (e.g., lecturer, admissions director, academic advisor, etc.)
- sales account executive
- speech writer
- technical communication specialist
- web producer

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/communication-studies-ma-degree
FAB N100
ncgradadvising@asu.edu
602-543-3000

English, MA (ASENGLMA)

Online Degree Search Title: English, MA
Campus: West

Program Description:

The MA in English offered by the New College of Interdisciplinary Arts and Sciences is a comprehensive program that addresses the many facets of English: its literatures; its linguistic, social and cultural histories; and its capacities for persuasion, exposition and elucidation.

The program is grounded in scholarly tradition but designed for the demands of the 21st century. Its innovative curriculum has been developed to train present and future educators as well as individuals pursuing careers in the wide variety of professions that value advanced critical thinking, research and communication skills.

The world-class faculty is ready to help enhance students' skill set, deepen their knowledge base and put the Master of Arts in English degree to work in their chosen profession.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Science, BAS
Communication, BS
Communication, BA
Disability Studies, BA
English, BA
Gender, Women and Sexuality Studies, BS
History, BA
Interdisciplinary Arts and Performance, BA

Interdisciplinary Arts and Sciences, BA
Latin American Studies, BA
Philosophy, Religion and Society, BA
Social and Cultural Analysis (American Studies), BA
Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA
Social and Cultural Analysis (Latin American Studies), BA
Social and Cultural Analysis (Peace Studies), BA
Social and Cultural Analysis (Queer and Sexuality Studies), BA
Social and Cultural Analysis (Women and Gender Studies), BA
Spanish, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (ENG 597).

Required Core (6 credit hours)
ENG 502 Contemporary Critical Theories (3) or MAS 505 Theories of Change, Culture and Mind (3)
ENG 582 Pedagogy (3)

Electives or Research (12 credit hours)
ENG 500 Research Methods (3)
ENG 591 Seminar (3)
ENG or LIN courses (6)

Open Elective or Research Courses (9 credit hours)

Culminating Experience (3 credit hours)
ENG 597 Graduate Capstone Seminar (3)

Additional Curriculum Information
For electives or research, students should see the academic unit for the approved course list from ENG and LIN courses through New College.
ENG 500 is a required research course for all students and must be included in the plan of study.

For the open elective or research courses, nine credit hours can be selected from ENG or non-ENG coursework offered by various academic units. The selection of coursework is in consultation with the student's committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program; or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • statement of purpose
 • two letters of recommendation
 • an academic writing sample or professional writing sample (optional)
 • resume or curriculum vitae (optional)
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well; if such faculty are not available, then recommendation letters from individuals in supervisory or professional roles are acceptable.

An academic writing sample (preferred) or a professional writing sample is recommended, but not required, when submitting an application.

Career Opportunities:
The ability to influence and motivate behavior through the power of well-crafted language is a skill valued in every industry dependent upon customers, employees, suppliers or investors.

Graduates with a master's degree in English are able to use language to accomplish organizational goals; possess advanced critical thinking abilities and advanced skills for clear and effective verbal communication; are able to construct well-supported and persuasive arguments; can perform complex textual analysis; are knowledgeable about historical trends in written discourse; have an awareness of the role of literary discourse in broader social and historical contexts; and have the ability to engage in big picture thinking.

Career fields are many and varied. Examples include:

- business communication
- community college teaching
- editing
- grant writing
- journalism
- nonprofit consulting
- public relations
- publishing
- secondary teaching (continuing education)
- technical writing
- web (content management, social media management)

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/
FAB N100
ncgradadvising@asu.edu
602-543-3000

Forensic Psychology, MS (ASFPSYMS)

Online Degree Search Title: Forensic Psychology, MS
Campus: Online

Program Description:
The MS program in forensic psychology provides working professionals with an understanding of mental health issues and human behavior with respect to crime and the criminal justice and legal systems.

The curriculum involves specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making. Through these courses, students learn about the various roles for psychologists in the legal system and help them discover which roles they might like to pursue through careers in mental health, criminal justice or through additional graduate training.

Graduates are not license-eligible for clinical practice but are well prepared to pursue advanced degree and continuing education programs in counseling and related fields.

Degree Requirements:
33 credit hours including the required capstone course (PSY 549).

Required Core (15 credit hours)
PSY 544 Advanced Psychology of Criminal Investigation (3)
PSY 545 Advanced Legal Psychology (3)
PSY 546 Advanced Forensic Psychology (3)
PSY 547 Advanced Correctional Psychology (3)
PSY 573 Psychopathology (3)

Electives (9 credit hours)

Statistics and Methods (3 credit hours)
PSY 514 Fundamentals of Forensic Psychology Research (3)

Criminal Justice System Courses (3 credit hours)
Choose one of the following:
CRJ 501 Seminar in Criminal Justice (3)
CRJ 513 Seminar in Courts and Sentencing (3)

Culminating Experience (3 credit hours)
PSY 549 Capstone in Forensic Psychology (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology, criminal justice, social science or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • one letter of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must provide evidence of successful completion of an undergraduate or graduate social science statistics and research methods course.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-forensic-psychology/)

Career Opportunities:
The Master of Science in forensic psychology opens the door to a wide variety of careers. The field of forensic psychology offers many career options, from consulting on public policy to working within the criminal justice system. Many forensic psychologists will work in the court system in order to help lawyers, judges and juries better understand the motivations behind criminal behavior. Some graduates choose this path to advocate on behalf of underserved populations, including African-Americans, Latinos, those from lower-economic areas, children or those with mental illness.

Career examples include:

  • correctional counselor
  • crime analyst
  • forensic research psychologists
  • forensic social worker
  • investigative journalist
  • jail supervisor
  • jury consultant
  • police consultant
  • probation officer
  • victim advocate

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/forensic-psychology-ms
FAB N100
NCGradOnline@asu.edu
602-543-3000

Forensic Science, PSM (ASFRSCIPSM)

Online Degree Search Title: Forensic Science, PSM
Campus: Online

Program Description:
The PSM program in forensic science readies students for career advancement by providing them with greater educational depth and breadth in the forensic sciences and helps them develop new competencies related to laboratory supervision. This includes an understanding of how to work with regulatory bodies that provide the framework for oversight in forensic laboratories, consistent with the guiding principles of the National Professional Science Master's Association.

Students develop deeper scientific inquiry skills in biology, chemistry, genetics and related topics, as well as critical laboratory leadership skill sets.

Successful graduates are armed with the tools and experiences required for administrative and other advancement opportunities both within and beyond the forensic science laboratory in both governmental and private sectors.

Degree Requirements:
30 credit hours including the required applied project course (FOR 593).

Required Core (9 credit hours)
FOR 525 Forensic Science and Governance (3)
FOR 550 Ethics in Forensic Science (3)
FOR 565 Laboratory Leadership, Policy and Practice (3)

Other Requirement (15 credit hours)
FOR 501 Forensic Toxicology (3) or FOR 532 Principles of Pharmacology (3)
FOR 502 Forensic Botany (3) or FOR 503 Forensic Entomology (3)
FOR 540 Advanced Topics in Human Forensic DNA Typing (3)
FOR 560 Quantitative Methods in Forensic Science Research (3), BMI 515 Applied Biostatistics in Medicine and Informatics (3) or HCD 501 Biostatistics and Data Management (3)
PSY 546 Advanced Forensic Psychology (3) or CRJ 537 Criminal Procedure of Investigations for Social and Forensic Scientists (3)

Culminating Experience (6 credit hours)
FOR 593 Applied Project (6)

Additional Curriculum Information
Other Requirement courses may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in an appropriate physical, biological, computer science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • two letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

It is preferred that the letters of recommendation be from individuals in supervisory or professional roles.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/forensic-science-psm/)

Career Opportunities:
The Master of Professional Science in forensic science degree opens the door to a wide variety of career options in the field of forensic psychology, including consulting on public policy and working within the criminal justice system. Many forensic psychologists will work in the court system in order to help lawyers, judges and juries better understand the motivations behind criminal behavior. Some graduates choose this path to advocate on behalf of underserved populations, including African Americans, Latinos, those from lower-economic areas, children or those with mental illness.

Career examples include:

- correctional counselor
- crime analyst
- forensic research psychologist
- forensic social worker
- investigative journalist
- jail supervisor
- jury consultant
- police consultant
- probation officer
- victim advocate

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/
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NCGradOnline@asu.edu
602-543-3000

Gender, Women and Sexuality Studies (Certificate), Certificate (ASWSTCERT)

Online Degree Search Title: Gender, Women and Sexuality Studies
Campus: West

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Program Description:
The certificate program in gender, women and sexuality studies examines the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas.

The program combines interdisciplinary topics and methods to critically analyze, unpack and address how relations of gender are embedded in and connected to social, political and cultural transformations. The intellectual core draws from theories, methods and teachings in women and gender studies while engaging complementary fields of social justice, cultural studies, sexuality studies, queer studies, literature, history, sociology, psychology, oral history, ethnicity, race and indigenous studies, and transnational studies.

Admission Requirements:
Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This program prepares students for graduate study or a variety of fields including business, health care, criminal justice, social services, education, public relations, nonprofits, community development, public policy and government. Possible careers include community health workers, secondary school teachers, human resource managers, probation officers, social and community service managers, writers or academia.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/women-and-gender-studies-certificate
FAB N100
harcsadvising@asu.edu
602-543-3000

Interdisciplinary Studies, MA (ASINTERMA)

Online Degree Search Title: Interdisciplinary Studies, MA
Campus: West

Program Description:
The MA in interdisciplinary studies offered by the New College of Interdisciplinary Arts and Sciences is an innovative program that allows students to combine the study of two or more disciplines for their program of study.

Founded on the conviction that solving problems in the 21st century often requires an interdisciplinary approach, this flexible program provides exposure to a variety of research methods, interdisciplinary perspectives, modes of inquiry, and practice.

The program consists of three required MAS courses, six courses of your choice and a capstone the final semester, and gives students access to faculty members who are active practitioners of interdisciplinary inquiry. Working with the faculty, students may define their own area of emphasis or adopt an existing area within the Humanities, Arts and Social Sciences.

The skills and knowledge that students acquire can be directed toward doctoral study or professional goals in any enterprise that engages in research, entrepreneurship or education.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    American Studies, BA
    Applied Science, BAS
    Communication, BS
    Communication, BA
    English, BA
    Ethnicity, Race and First Nations Studies, BA
    Gender, Women and Sexuality Studies, BS
    History, BA
    Interdisciplinary Arts and Performance, BA
    Interdisciplinary Arts and Sciences, BA
    Philosophy, Religion and Society, BA
    Political Science, BA
    Political Science, BS
    Psychology, BA
    Psychology, BS
    Social and Behavioral Sciences, BS
    Social and Behavioral Sciences, BA
    Sociology, BA
    Sociology, BS
    Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (MAS 585).

Required Core (9 credit hours)
MAS 501 Methods for Interdisciplinary Inquiry (3)
MAS 502 Perspectives in Interdisciplinary Studies (3)
MAS 505 Theories of Change, Culture and Mind (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
MAS 585 Capstone Course (3)

Additional Curriculum Information
The core courses are designed as a sequence and are meant to guide students through the program, from learning about interdisciplinarity to practicing interdisciplinary research. Therefore, students are required to take each of the core courses the first time that they are available while the student is enrolled in the program.

For electives, students work with a faculty mentor to select 18 credit hours of graduate-level coursework that helps prepare them for their capstone or reflects particular areas of specialty or interest.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • two letters of recommendation
  • an academic writing sample (preferred) or professional writing sample
  • resume or curriculum vitae (optional)
  • GRE scores (if applicable)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well, but if faculty are not available, then from individuals in supervisory or professional roles.

If the applicant does not meet the minimum GPA requirements, the application may be considered if accompanied by an official GRE score.

Career Opportunities:
The program's emphasis on a variety of research methods and modes of inquiry increases students' value to many organizations. As graduates, they reach their professional goals in a multitude of industries and organization, including advertising and marketing, nonprofit leadership and media production, museum curatorship, community college teaching and leading-edge entrepreneurship.

Career examples include:

  • area, ethnic and cultural studies teachers and professors
  • archivists
  • art therapists
  • education administrators
  • film and video editors
  • high school teachers
  • human resources managers
  • market research analysts and marketing specialists
  • multimedia artists and animators
  • professors

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies

Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA (ASIDSIPMA)

Online Degree Search Title: Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA
Campus: West

Program Description:
The MA program in interdisciplinary studies offered by ASU's New College of Interdisciplinary Arts and Sciences is an innovative program where students can combine the study of two or more disciplines for their program of study. The concentration in interdisciplinary arts and performance enables students to engage the innovative study of interdisciplinary art practices and theories from a perspective developed over decades of New College's undergraduate interdisciplinary arts and performance major.

The IAP program is celebrated in the Oxford Handbook of Interdisciplinarity, the definitive academic volume on interdisciplinarity, as the leading program in defining interdisciplinary arts. Throughout the curriculum, interdisciplinary arts are "outwardly and continually inclusive, expanding, evolving and innovative", which empowers students to shape and direct their creative pathways. Students engage in a deeper collaborative investigation of multiple artistic disciplines, interacting with theoretically advanced studies in visual, sonic and performance arts to become versatile artists and art scholars, preparing them for the complex and changing world through current approaches to aesthetic innovation.

The program gives students access to faculty members who are active practitioners of interdisciplinary inquiry. Working with the faculty, students may define their own areas of artistic practices.

Degree Requirements:
30 credit hours including the required capstone course (MAS 585).

Required Core (9 credit hours)
MAS 501 Methods for Interdisciplinary Inquiry (3)
MAS 502 Perspectives in Interdisciplinary Studies (3)
MAS 505 Theories of Change, Culture and Mind (3)

Concentration (9 credit hours)
MAS 560 Composition: Process, Technique and Style (3)
MAS 569 Digital Graphic Applications (3)
MAS 570 Language, Culture and Performance (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
MAS 585 Capstone Course (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences. Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admissions application and application fee
  • official transcripts
  • personal statement
  • two letters of recommendation
  • art portfolio
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The art portfolio could include digital examples of work created or links to digital archives of work performed or exhibited.

The personal statement should describe the educational background; artistic studies and experience; artistic and scholarly interests; and the

aesthetic, academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well, but if faculty are not available, then from individuals in supervisory or professional roles is acceptable.

Career Opportunities:
The skills and knowledge that students acquire can be directed toward doctoral study or professional goals in any enterprise that engages in research or education. Graduates of this program may enter many different career fields including:

- arts administrator
- arts educator (community college, K--12)
- arts writer, scholar and critic
- composer and sound artist
- digital designer
- film and video editor
- performance and theatre artist
- recording artist
- video and board game designer
- visual artist in multiple mediums

Contact Information:
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School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/
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ncgradadvising@asu.edu
602-543-3000

Law and Psychology, PHD (ASLPSYPHD)

Online Degree Search Title: Law and Psychology, PhD
Campus: Downtown Phoenix, West

Program Description:
The PhD program in law and psychology is designed to train a new generation of scholars in the field by taking a broad interdisciplinary approach that combines rigorous training in the law and psychology field with training in advanced research methodology and statistics, criminological theory, and contextual training in other subfields of psychology.

The goal of the program is for students to use this knowledge to tackle the many important but understudied areas where the legal system is in desperate need of empirical psychological research.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (21 credit hours)
PSY 515 Quantitative Analysis I (3)
PSY 516 Quantitative Analysis II (3)
PSY 517 Quantitative Analysis III (3)
PSY 544 Advanced Psychology of Criminal Investigation (3)
PSY 545 Advanced Legal Psychology (3)
PSY 546 Advanced Forensic Psychology (3)
PSY 550 Advanced Social Psychology (3)

Electives (36 credit hours)

Required Research (15 credit hours)
PSY 500 Research Methods (3)
PSY 792 Research (12)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information

Students are required to take 15 credit hours of research coursework and 36 credit hours of elective coursework.

When approved by the student's supervisory committee and Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology, criminal justice, social science, or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

Graduates of the law and psychology doctorate program are sought for their unique skill sets melding the complexities of law and justice with human behavior. Careers can be pursued in government, academia or private enterprise.

Career examples include:

- academic researcher or instructor as a college or university professor
- criminal justice data analyst
- government or nonprofit researcher and evaluator
- legal policy researcher and evaluator
- legal or trial consultant
- mental health policy analyst or consultant
- postdoctoral research fellow

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://lawpsych.asu.edu/law-and-psychology-phd
FAB N100
ncgradadvising@asu.edu
602-543-3000

Psychology, MS (ASPGSMS)

Online Degree Search Title: Psychology, MS
Campus: West, Online

Program Description:

The MS program in psychology, offered by the New College of Interdisciplinary Arts and Sciences, is available in two modalities (campus-immersion or online) with different culminating experience options (thesis, applied project, or capstone).

The campus-immersion option is ideal for students who plan to pursue doctoral work or careers that involve psychological research methods such as marketing research, education research analysis, public policy analysis, research project management or program evaluation. The program is intensive and research-oriented, and it culminates in a thesis or applied project. Students receive training in advanced research methodology and statistical analysis, grant proposal writing, laboratory instrumentation, data collection and manuscript development. Students gain first-hand exposure to designing and conducting research, analyzing data and developing presentations and manuscripts. Students are encouraged to

present research reports at professional meetings and conferences and to publish as co-authors in faculty-guided research.

The online program option gives students and working professionals an understanding of psychological theory and empirical research findings as they relate to human behavior, cognition, emotion and attitudes. The coursework is designed to help students learn about the various roles of psychologists in society today and discover which they might like to pursue through careers in education, social service, for-profit and nonprofit organizations, management or through additional graduate training. The online program culminates with a capstone course.

Both options offer elective courses in several areas, including abnormal psychology, affective science, behavior analysis, cognitive psychology, developmental psychology, health psychology, legal psychology, psychophysiology and social psychology.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Psychology, BS
Psychology, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
36 credit hours and a thesis, or 36 credit hours including the required applied project course (PSY 593), or 36 credit hours including the required capstone course (PSY 553), or 36 credit hours including the required capstone course (PSY 553) - Mandarin Pathway.

Required Core (6 credit hours)
PSY 502 Professional Issues in Psychology (3)
PSY 513 Fundamentals of Quantitative Research (3) or PSY 515 Quantitative Analysis I (3)

Foundation (0 or 15 credit hours)

Research (3 or 9 credit hours)

Electives (9 or 12 credit hours)

Other Requirement (0-6 credit hours)

Culminating Experience (3 or 6 credit hours)
PSY 553 Capstone in General Psychology (3)
PSY 593 Applied Project (6)
PSY 599 Thesis (6)

Additional Curriculum Information
The MS in Psychology is delivered in-person and online through digital immersion. The capstone course option is only for students in the online program and the Mandarin pathway. Thesis and applied project options are for in-person program students.

The thesis option is intended for students who are interested in later gaining admission to a doctoral program. This option has hands-on experience with research and in-depth learning on advanced quantitative analysis. Thesis students complete a written and oral prospectus before proceeding to their thesis research which they must defend before a committee. Thesis students take PSY 516 Quantitative Analysis II and PSY 517 Quantitative Analysis III for six credit hours as an other requirement.

The applied project option provides students who are interested in pursuing a professional career in research with sufficient methodology and statistic skills to enhance their professional career opportunities. Applied project students also complete a written research proposal that is reviewed by their advisor and one additional committee member. As an other requirement, applied project students take PSY 516 Quantitative Analysis II for three credit hours.

Capstone course online options (English and Mandarin) provide students who are interested in professional development the necessary communication and methodology skills to advance in their chosen career. Students in the capstone must write a literature review paper on a research topic of their choice. Foundation coursework is required for the capstone course option only. Students should see the academic unit for a preapproved list of courses.

All students take core course PSY 502. Students take either PSY 513 or PSY 515 as their secondary core course based on the option selected. Thesis and applied project students take PSY 515, capstone course online students take PSY 513 or PSY 515.

For research, all students take PSY 500 for three credit hours. Students who are in the thesis or applied project options also take PSY 592 for six credit hours.

Students are able to specialize or go more in-depth in one or two focus areas with their elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program. Priority is given to applicants who have achieved a 3.25 GPA or higher.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • GRE scores (combined minimum verbal and quantitative score of 300)
  • two letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At the time of application, students must identify the culminating experience that they wish to pursue. Students applying to the capstone course option are only considered for the online program. Students applying to the thesis or applied project option are only considered for the in-person program.

Applicants must provide evidence of successful completion of an undergraduate, or graduate, social science statistics and research methods course.

The statement of purpose should describe the educational background, scholarly interests and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well; if these are not available, then recommendations should be from individuals in supervisory or professional roles. Two letters of recommendation are required. However, for the in-person program, three letters of recommendation are strongly recommended.

Applicants for the applied project or thesis program option (offered face-to-face) are required to submit a GRE score. Priority is given to applicants who have achieved a 305 or higher on the GRE.

Students applying to the capstone course option offered in the online delivery of the program are encouraged to submit GRE scores; it is a recommendation, not a requirement.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-psychology/)

Career Opportunities:
The Master of Science degree program in psychology is specialized to prepare students for admission into doctoral programs in psychology in areas that include clinical or counseling, social, cognitive and developmental specialties.

Graduates may pursue professional research careers in education, health care or marketing. Though this program is not designed to prepare students for clinical practice, graduates may pursue a clinical internship and additional coursework to prepare for licensure exams.

Career examples include:

  • community health workers
  • health educators
  • market research analysts and marketing specialists
  • medical and health services managers

- mental health counselors
- psychology teachers, postsecondary
- social and human service assistants
- social and community service managers
- social science research assistants

Contact Information:
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School of Social and Behavioral Sciences
https://newcollege.asu.edu/psychology-ms
FAB N100
ncgradadvising@asu.edu
602-543-3000

Social Justice and Human Rights, MA (ASJHRMA)

Online Degree Search Title: Social Justice and Human Rights, MA
Campus: West, Online

Program Description:
From labor and migration to education and the environment, the MA program in social justice and human rights allows students to explore key topics and the legal, political, historical and cultural frameworks that contextualize them.

Students may focus on specific issues in international or domestic contexts, including refugee resettlement, immigration and citizenship, human trafficking, racialized violence, and international human rights law and organizations. In theoretically and methodologically rigorous courses taught by experienced faculty from various disciplines, students develop understanding of how social justice and human rights issues are defined by multiple and intersecting forms of inequality and social identity, including gender, race, ethnicity, class, sexuality and nationality. The program is well-suited to those aiming to channel their interests and passions towards ethical responses to social injustice and human rights abuses.

Many students complete internships domestically or internationally, with interns typically working alongside other researchers and advocates for social justice to grasp the complexities of the issues and to hone their abilities to work effectively in both research and advocacy contexts. Internships may also inform the basis of the culminating experience: a traditional Master of Arts thesis, an applied project or a capstone course.

Students in this program gain deeper insight into the theory and practice of social justice, human rights and humanitarian efforts, and they develop practical skills in research and grant writing.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Studies, BA
Applied Science, BAS
Biology, BA
Communication, BS
Communication, BA
English, BA
Environmental Science, BA
Ethnicity, Race and First Nations Studies, BA
Gender, Women and Sexuality Studies, BS
History, BA
Interdisciplinary Arts and Performance, BA
Interdisciplinary Arts and Sciences, BA
Latin American Studies, BA
Philosophy, Religion and Society, BA
Political Science, BS
Political Science, BA
Psychology, BA
Psychology, BS
Social Justice and Human Rights, BA
Social and Behavioral Sciences, BS
Social and Behavioral Sciences, BA
Social and Cultural Analysis (American Studies), BA
Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA

Social and Cultural Analysis (Latin American Studies), BA

Social and Cultural Analysis (Peace Studies), BA

Social and Cultural Analysis (Queer and Sexuality Studies), BA

Social and Cultural Analysis (Women and Gender Studies), BA

Sociology, BS

Sociology, BA

Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours including the required applied project course (JHR 593), or 33 credit hours including the required capstone course (JHR 549).

Required Core (12 credit hours)
JHR 501 Proseminar in Social Justice and Human Rights (3)
JHR 506 Grant Writing for Social Justice and Human Rights (3)
JHR 510 Problem-Based Seminar in Social Justice and Human Rights (3)
JHR 525 Action Research in Social Justice and Human Rights (3)

Electives (3-6 credit hours)

Research (3 credit hours)
JHR 500 Research Methods (3)

Other Requirements (9 credit hours)
JHR 584 Internship (3) and
track coursework (6)
or
JHR 503 Gender Based Violence and Sex-Trafficking (3)
JHR 504 International Law and Organizations (3)
JHR 505 Migration, Asylum and Refugees (3)

Culminating Experience (3-6 credit hours)
JHR 549 Capstone in Social Justice and Human Rights (3) or
JHR 593 Applied Project (3) or
JHR 599 Thesis (6)

Additional Curriculum Information
The MA in Social Justice and Human Rights is delivered in-person and online. Students in each modality complete the same required core and research coursework; however, the other requirements and culminating experience options vary.

In-person --- Students attending in-person have the following options for other requirements and culminating experience selections:

 • complete one of three tracks in social justice and human rights research, social justice and human rights advocacy, or critical trauma studies and social work in addition to a required internship
 • complete JHR 593 Applied Project or JHR 599 Thesis for the culminating experience*
 • select track and elective coursework in collaboration with faculty

*Students attending in-person who complete an applied project must complete six credit hours of electives; those who complete a thesis must complete only three credit hours.

Online --- Students in the online delivery option fulfill other requirements by completing JHR 503, JHR 504, and JHR 505. For the culminating experience, they complete the capstone course, JHR 549. Students in the online option must complete six credit hours of electives.

When approved by the academic unit, other requirements courses may be substituted.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
  • graduate application and application fee
  • official transcripts
  • statement of purpose
  • two letters of recommendation
  • an academic writing sample (preferred) or professional writing sample
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests and academic and professional goals of the applicant.

It is preferred that letters of recommendation be from faculty members who know the applicant's work well; if these are not available, letters of recommendation from individuals in supervisory or professional roles will be accepted. If letters of recommendation from two faculty members are not available, then it is strongly preferred that at least one letter be from a faculty member.

A writing sample is recommended but not required for students applying to the digital immersion program. If the applicant does not meet the minimum GPA requirements, the application may still be considered.

Applicants should see the program website for application deadlines.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/social-justice-and-human-rights-ma/)

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors during the summer or during academic breaks offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. More information is available on the Global Education website. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Career Opportunities:
Graduates with a master's degree in social justice and human rights can begin or advance their careers in advocacy work in nonprofit or government agencies, humanitarian work, international law and advocacy, as well as in careers that enable them to address forced migration, trafficking, and gender-based or racialized violence. Graduates from this program are well poised to pursue additional graduate education, such as law school or PhD programs.

Career examples include:

  • advocate or lobbyist
  • community organizer
  • grant writer
  • humanitarian aid worker
  • policy analyst or researcher
  • program officer
  • public defender
  • social justice specialist or consultant
  • social service worker

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-justice-and-human-rights-ma

FAB N100
ncgradadvising@asu.edu
602-543-3000

Social Technologies, MA (ASSTCMA)

Online Degree Search Title: Social Technologies, MA
Campus: West, Online

Program Description:
The MA program in social technologies is for those interested in the ways new kinds of social data introduce challenges and opportunities to society.

The program combines a thorough grounding in digital social science with the skills needed for engaging in the analysis of social data. This unique combination provides graduates with the ability to understand and contribute to creating ethical social platforms. They are also well positioned to advise institutions, businesses and government agencies on appropriate policies, and to draw on large-scale trace data to help address significant social issues.

The rapid shift toward algorithmic structures of social interaction represents one of the most significant challenges to society, and questions of equity, privacy and autonomy have become a recurring theme running through many modern social problems. These technologies also may provide the keys for addressing substantial social issues. To critically analyze these socio-technical systems requires both technical abilities and an understanding of social theory.

ASU offers an Master of Arts in social technologies for those interested in engaging research at the intersection of data and society. It prepares graduates to be leaders in social data science, working with organizations to help them make ethical and effective use of social data, consulting on broader issues of social change and networked technologies, or continuing on to doctoral work in cognate fields.

Students in the program work through a series of courses that provide a grounding in social theory and digital research methods as well as opportunities to apply that knowledge to social issues.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

  Biology, BA
  Environmental Science, BA
  Psychology, BS
  Psychology, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours including a thesis, or 33 credit hours including the required capstone course (STC 570).

Required Core (27 credit hours)
STC 501 Theories of Data and Society (3)
STC 510 Data Wrangling (3)
STC 512 Data, Places, People and Things (3)
STC 527 Ethics and Policies of Social Data (3)
STC 536 Networked Publics (3)
STC 537 Technologies of Community (3)
STC 539 Social Search and Filtering (3)
STC 550 Computational Social Methods I (3)
STC 551 Computational Social Methods II (3)

Other Requirements (0 or 3 credit hours)
STC 528 Communicating Data Science (3)

Culminating Experience (3 or 6 credit hours)
STC 570 Social Data Projects (3) or
STC 599 Thesis (6)

Additional Curriculum Information

Students complete either a three credit hour capstone course (STC 570 Social Data Projects) or a six credit hour thesis (STC 599). Students who choose to complete the capstone course also complete STC 528.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • an academic writing sample (preferred) or professional writing sample
  • GRE scores (optional)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests and academic and professional goals of the applicant.

GRE scores are recommended, but not required for all applicants. Applicants who have a GPA of less than 3.00 in the last 60 credit hours of the bachelor's degree are strongly encouraged to provide GRE scores.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/social-data-science/)

Career Opportunities:
Graduates of the Master of Arts program in social technologies should be well-positioned for research roles in businesses, nonprofits and government organizations. They also may move on to doctoral study.

The program deliberately seeks to be more reflective of the diversity of those who are affected by datafication and actively promote the careers of professionals who are underrepresented in data-related fields.

Career examples include:

  • chief information officer
  • communications director
  • community manager
  • data journalist
  • intelligence or policy analyst
  • program or project manager
  • public affairs specialist
  • social media manager
  • social strategist
  • research and data analyst

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-technologies-ma
FAB N100
ncgradadvising@asu.edu
602-543-3000

Journalism and Mass Communication, Walter Cronkite School of

Business Journalism, MS (CSBSJMS)

Online Degree Search Title: Business Journalism, MS
Campus:

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The MS degree program in business journalism includes journalism and business coursework offered by the Walter Cronkite School of Journalism and Mass Communication and the W. P. Carey School of Business.

Students in this program benefit from cutting-edge curriculum designed to focus on key tenets of business and journalism. The program may be completed in as few as one and a half years.

Degree Requirements:
30 credit hours including the required applied project (MCO 593).

Required Core (27 credit hours)
ACC 501 Fundamentals of Financial Accounting (1.5)
ACC 504 Fundamentals of Managerial Accounting (1.5)
ECN 504 Fundamentals of Managerial Economics (3)
MCO 503 Media Law (3)
MCO 550 Issues in Coverage of Business and the Economy (3)
MCO 551 Better Business Reporting (3)
MCO 552 Data in Business Journalism (3)
MCO 556 Media Entrepreneurship (3)
MGT 501 Fundamentals of Organization Behavior (3)
WPC 504 Fundamentals of Statistics for Managers (3)

Culminating Experience (3 credit hours)
MCO 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in journalism, mass communication, public relations, business or a closely related field from a regionally accredited institution, and have some professional communications experience.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
  • personal statement
 • resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 on the internet-based test is required. Applicants can have these scores automatically submitted to ASU and the Cronkite School by using institution code 4007.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/)

Global Opportunities:

Global Experience:

Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:

The Master of Science in business journalism program is designed to give journalists around the world a competitive edge in the globally expanding job market in business reporting and related fields.

Careers in this field include news reporter and news director.

Contact Information:

Journalism and Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism and Mass Comm

https://cronkite.asu.edu/

CRONK 302

cronkitegrad@asu.edu

602-496-5555

Digital Audience Strategy, MS (CSDASMS)

Online Degree Search Title: Digital Audience Strategy, MS

Campus: ASU@Los Angeles, Online

Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Program Description:

The MS program in digital audience strategy prepares students to design and execute digital strategies that connect audiences to goals through a data-driven, multidisciplinary, hands-on curriculum.

Students learn to measure and analyze how consumers interact with content online, on social media and on mobile devices. Using those measurement skills, students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital content creation. They work with real-world clients to develop, test and execute audience growth strategies in real time.

Through required coursework in ethics, media law and entrepreneurship, students learn to make ethical business decisions regarding consumer privacy, digital data security and community engagement. Through elective courses, students develop additional expertise in areas such as management, audience data and intellectual property.

Students graduate from the program ready to drive audience growth, lead digital marketing and further business development in the digital age.

Note: This program is not eligible for federal financial aid in Los Angeles.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (MCO 566).

Required Core (21 credit hours)

MCO 503 Media Law (3)

MCO 556 Media Entrepreneurship (3)

MCO 561 Defining the Digital Audience (3)

MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)

MCO 563 Social Media Campaigns and Engagement (3)
MCO 564 Digital Audience Research and Behavior (3)
MCO 565 Digital Audience Analytics (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
MCO 566 Digital Audience Management (3)

Additional Curriculum Information
For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in journalism, communications, public relations or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • personal statement of intent
 • professional resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based TOEFL iBT.

In 300 to 500 words, the personal statement of intent should describe the applicant's interest in the Master of Science program in digital audience strategy, explain how previous academic or professional experience will inform the applicant's work in the program and how the program will help achieve personal or career goals of the applicant.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/digital-audience-strategy-ms/)

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
The digital field is rapidly growing and true experts are highly sought after. The Master of Science program in digital audience strategy equips students with the knowledge and skills they need to launch a new career in digital marketing, content creation, social media and SEO. Graduates are empowered and ready to accelerate their current communications career, able to step into leadership positions to lead digital marketing and communications teams.

Careers in this field include:

 • marketing associate
 • marketing manager
 • market research analyst
 • SEO specialist

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/
CRONK 222
cronkitegrad@asu.edu
602-496-5055

Digital Audiences (certificate), Certificate (CSDASGRCT)

Online Degree Search Title: Digital Audiences (Graduate Certificate)
Campus: ASU@Los Angeles, Online

Program Description:
The graduate certificate in digital audiences prepares students to drive audience growth and engagement in any industry.

Students learn to measure and analyze how consumers interact with content online, on social media and on mobile devices. Using those measurement skills, students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital analytics.

This program is designed for professionals who want to develop new skills, take on new responsibilities or more effectively promote their work.

Degree Requirements:
15 credit hours.

Required Core (15 credit hours)
MCO 561 Defining the Digital Audience (3)
MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)
MCO 563 Social Media Campaigns and Engagement (3)
MCO 564 Digital Audience Research and Behavior (3)
MCO 565 Digital Audience Analytics (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in communications, political science, business or a related field from a regionally accredited institution. Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based TOEFL (iBT).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/digital-audience-strategy-graduate-certificate/)

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs

tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
A graduate certificate in digital audiences can help students boost their credibility and advance knowledge of the digital sector. Students who complete the digital audiences graduate certificate are able to pursue careers in web development, communications training, graphic design and social media.

Careers in this field include:

- marketing associate
- market research analyst
- SEO specialist

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/
CRONK 302
cronkitegrad@asu.edu
602-496-5055

Investigative Journalism, MA (CSINVJOUMA)

Online Degree Search Title: Investigative Journalism, MA
Campus: Downtown Phoenix

Program Description:
The MA program in investigative journalism prepares students to launch high-level investigative reporting careers at the world's most prestigious news organizations.

This program is designed for career switchers with experience in fields such as law, health, business, government and the arts, and for early-career to mid-career journalists who want to develop specialization in investigative techniques.

Students combine their existing knowledge with investigative reporting techniques, multimedia production skills and interdisciplinary research methods to produce storytelling with deep public impact.

Degree Requirements:
36 credit hours including the required capstone course (MCO 570).

Required Core (21 credit hours)
MCO 502 Journalism Skills (8)
MCO 503 Media Law (3)
MCO 510 Data Journalism (3)
MCO 530 History, Philosophy and Ethics of Journalism (3)
MCO 544 Accountability in Journalism (1)
MCO 545 Techniques of Investigative Reporting (3)

Research (6 credit hours)

Culminating Experience (9 credit hours)
MCO 570 Capstone Experience (9)

Additional Curriculum Information
Students must complete a total of eight credit hours of MCO 502, which is offered at variable credit hours and can be taken multiple times.

Students must complete six credit hours of interdisciplinary research methods courses offered under the MCO 591 course listing. Selection of these courses will require departmental approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any discipline or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• GRE scores
• professional resume
• letter of intent
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants must receive a score of 100 (iBT) or better on the TOEFL.

Applicants should provide a 300- to 500-word statement describing interest in investigative journalism, career goals and how previous work and academic experience have prepared the student for success.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
Investigative reporting is in high demand in news organizations, large and small, around the world, and graduates of the Cronkite School's Master of Arts in investigative journalism program are uniquely prepared to excel in these positions, applying experience with investigative reporting techniques, data analysis and immersive storytelling using text, photo, video and audio content.

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csinvjouma/
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Journalism and Mass Communication, PHD (CSJMCPHD)
Online Degree Search Title: Journalism and Mass Communication, PhD
Campus: Downtown Phoenix

Program Description:
The PhD program at the Walter Cronkite School of Journalism and Mass Communication is a highly individualized program that attracts seasoned media professionals transitioning to academia as well as recent graduates of master's degree-level journalism and communication and other related programs.

Students have access to the resources, training and mentorship they need to answer critical questions that challenge the fields of journalism, digital and social media, strategic communication and audience studies, and global mass communication.

The program is designed around core values of inclusion, collaboration and mentoring, transdisciplinarity, and original research.

Students are able to develop individual programs of study, taking coursework and drawing on knowledge and methodologies from diverse fields that

have a bearing on questions within mass communication. Examples include political science, film, computer and data sciences, sociology, anthropology and more.

At home in the Cronkite School, students work closely with faculty mentors and fellow students on collaborative projects as well as developing their own research program, and benefit from the advice and example of senior scholars for personalized guidance.

The ultimate goal of the program is to train scholars capable of identifying key questions, designing appropriate studies to investigate those questions, and conducting independent and impactful research. Students are exposed to a wide range of theories and methods so they can forge their own scholarly identity based on interests and aptitudes.

The Cronkite School is committed to creating an environment in which everyone feels they are represented, their experience is equitable, they are fully accepted for who they are, and that they are valued. The school strives daily to be a welcoming place for all members of the community, where the importance and contribution of each individual is valued and respected.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (18 credit hours)

Electives (18 credit hours)

Other Requirements (24 credit hours)
previous master's degree or additional hours approved by the supervisory committee (24)

Research (12 credit hours)

Dissertation (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

Students entering the program with a master's degree in journalism or mass communication, or a related field must complete 60 credit hours of coursework. Students who are admitted to the program without a master's degree are required to complete an additional 24 credit hours of coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement of interest
- statement of research goals
- resume
- samples of scholarly work (optional)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 600 on the paper-based examination and 100 on the internet-based; a Duolingo score must be at least 120.

The personal statement of interest should be approximately 1,000-1,500 words and explain why the student wants to pursue a PhD in mass communication as well as why the Cronkite School program fits their career and personal aims.

The statement of research goals should indicate at least two Cronkite research faculty members with whom the student would like to work,

supported by relevant citations of the faculty members' scholarly publications.

Students should see the program website for application deadlines and admission terms. Applicants must meet all deadlines and application requirements to be considered.

The Cronkite School's doctoral committee reviews complete applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Career Opportunities:
Graduates with a doctorate in journalism and mass communication are prepared for any of a number of career opportunities.

Professionals with expertise in mass media and communications are in high demand as universities and institutions train the next generation of media professionals. Career examples include:

- communications professor
- journalism professor
- researcher
- social sciences professor

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csjmcphd/
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Mass Communication, MMC (CSMCOMMMC)

Online Degree Search Title: Master of Mass Communication, MMC
Campus: Downtown Phoenix

Program Description:
The Walter Cronkite School of Journalism and Mass Communication's MMC degree program uses the teaching hospital model to immerse students in the practices of journalism and strategic communications and prepares them for careers in today's rapidly evolving media industry.

This 36 credit hour program begins with a multimedia boot camp, teaching students how to report and produce stories with text, photo, video and audio elements. In the second semester, students can dive deeper into a selection of advanced courses, such as those focused on narrative writing, podcasting, advanced broadcast production, documentary production, health reporting, Spanish-language news, transborder coverage, strategic communications and digital entrepreneurship.

The program culminates in a professional immersion experience in one of the Cronkite School's strategic communication labs or news bureaus in Los Angeles, Phoenix or Washington, D.C. Working under the guidance of award-winning journalists and strategists, these capstone programs offer real-world experience in a professional news or agency environment.

The cornerstone of the graduate program is the journalism school's professional programs:

Cronkite News Phoenix --- Students report on topics such as sustainability, social justice, health, government and politics, producing a daily newscast on Arizona PBS, reaching 1.9 million households, and digital content for cronkitenews.azpbs.org (https://cronkitenews.azpbs.org), Cronkite News social platforms and partner sites across Arizona.

Cronkite News Washington --- Students cover Congress, the White House and the U.S. Supreme Court for Cronkite News and partner newsrooms.

Cronkite News Los Angeles --- Students report for Cronkite News and partner with newsrooms from the second-largest media market in the country.

Cronkite Noticias --- Students produce Spanish-language news for digital and broadcast platforms in collaboration with Univision Arizona.

Carnegie-Knight News21 --- Students produce major national investigations in partnership with newsrooms such as The Washington Post and NBCNews.com.

New Media Innovation and Entrepreneurship Lab --- Journalism, engineering, design and business students work together to create cutting-edge digital products and launch new businesses.

Public Relations Lab --- Students work in a strategic communications agency environment to develop campaigns for clients ranging from Fortune 500 companies to startups.

Digital Audiences Lab --- Students work in a first-of-its-kind professional immersion program working with real clients to grow, engage and measure their audiences in real time.

This program is also offered as a dual MD/MMC degree with the Mayo Clinic. For more information, students should visit the dual degree website: https://mayo.asu.edu/dualdegrees#MMC (https://mayo.asu.edu/dualdegrees#MMC).

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
    Legal Studies, MLS
    Sustainability Solutions, MSUS

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Journalism and Mass Communication, BA
    Sports Journalism, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (MCO 593)-Mid-Career, or 30 credit hours including the required capstone course (MCO 570)-Mid-Career, or 36 credit hours including the required capstone course (MCO 570)-Full Time.

Required Core (9 credit hours)
MCO 503 Media Law (3)
MCO 510 Data Journalism (3) or MCO 536 Public Relations Research (3)
MCO 525 21st-Century Media Organization and Entrepreneurship (3)

Electives (6 credit hours)

Other Requirements (12 credit hours)
MCO 502 Journalism Skills (8)
MCO 504 Journalism Skills Lab (1)
MCO 530 History, Philosophy and Ethics of Journalism (3) or MCO 519 Strategic Communications Leadership and Ethics (3)

Culminating Experience (3 or 9 credit hours)
MCO 570 Master of Mass Communication Capstone (3 or 9)
MCO 593 Applied Project (3)

Additional Curriculum Information
The master's degree program is a full-time, 36 credit hour program. Students with extensive professional journalism experience may be offered the opportunity to pursue the 30 credit hour mid-career option.

Students must complete a total of eight credit hours of MCO 502, which is offered at variable credit hours and can be taken multiple times.

Students should see the academic unit for a complete list of approved electives. Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited

institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement of interest (350 to 500 words in length)
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 600 for the paper-based examination and 100 for the internet-based.

The Cronkite School's graduate committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
The skills of strong reporting, research, writing and multimedia production are in high demand across industries, including in journalism, strategic communication, nonprofit leadership, international affairs, political advocacy and entrepreneurship.

Career examples include:

- digital strategist
- editor
- media executive
- photojournalist
- producer
- PR strategist
- reporter
- strategic communications leader
- videographer

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csmcommmc/
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Narrative and Emerging Media, MA (CSNEMMA)
Online Degree Search Title: Narrative and Emerging Media, MA
Campus: ASU@Los Angeles

Program Description:
In the MA program in narrative and emerging media, students learn how to tell stories that aren't just watched or read --- they're experienced. In under one year, students learn innovative storytelling techniques, explore the emerging media marketplace, connect with the field's top professionals, and develop critical media project management skills.

Through hands-on learning, students explore the entire landscape of emerging immersive media techniques including augmented reality, virtual reality, extended reality, 360 video, animated graphics, short-form digital video and documentary production to tell creative fictional stories or nonfiction journalistic work. Students capture and create content for workflow in multiple industries, and they learn to lead teams of producers, engineers, writers and artists across different technologies. They build business acumen too; central to the program is enhanced insight on research, development and the finance and business models driving the future of emerging media.

Delivered exclusively at ASU's California Center, the program immerses students in a state-of-the-art emerging media hub. The building includes a green screen studio that allows for virtual reality productions and live broadcasts, and a second Planar LCD studio, which allows for immersive film and video shoots. Students learn and work in these spaces to create compelling visual storytelling for client productions and their own passion projects.

Students engage in courses that anchor content creation and project management with communication theory and current case studies, along the way building a cohesive portfolio of professional work aligned with industry standards. Students also network and get critiques from industry professionals whose work may inspire their own. Students who complete the program are well-prepared to leap into creation, production and project management roles across the media industry, or pursue independent work.

Note: This program is not eligible for federal financial aid in Los Angeles.

Degree Requirements:
30 credit hours including the required applied project course (NEM 693).

Required Core (21 credit hours)
NEM 501 Emerging Media (3)
NEM 510 Narrative Development and Pre-Production (3)
NEM 515 Emerging Media Production (3)
NEM 530 Emerging Media Project Management (3)
NEM 550 Diversity and Ethics in Emerging Media (3)
NEM 585 Portfolio (1)
NEM 630 Emerging Media for Clients (3)

Other Requirements (3 credit hours)
NEM 520 AR/VR/XR for Storytelling (3)
NEM 525 Virtual Production for Storytelling (3)
NEM 601 Short Form and 360 Video Production (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
NEM 593 Applied Project (3)

Additional Curriculum Information
NEM 585 is a one credit hour course that must be taken three times, for a total of three credit hours.

Students must complete one course from the Other Requirements list.

Admission Requirements:
Applicants must fulfill the requirements of the Graduate College, the Walter Cronkite School of Journalism and Mass Communication and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • professional resume
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based TOEFL (iBT).

Global Opportunities:

Global Experience:

Students may use elective slots to participate in applicable study abroad experiences. Students are also encouraged to pursue work globally for their applied projects.

Career Opportunities:

This degree prepares students to thrive in a growing emerging media industry. According to a Burning Glass industry report in tandem with Epic Games (https://www.burning-glass.com/research-project/visualizing-future-3d-skills-workforce/ (https://www.burning-glass.com/research-project/visualizing-future-3d-skills-workforce/)), "Demand for 3D technology skills is growing quickly in the job market --- so quickly, in fact, that demand for these skills is outpacing the growth of the labor market overall." And according to EMSI data, job postings requiring skills in virtual reality are at an all-time high, with more than 13,000 jobs posted in August alone for roles such as advertising specialists and product developers at firms from Facebook to Deloitte.

Graduates are well-suited to careers in AR/VR/XR production, immersive storytelling, journalism and documentary production, and media project management, or to become entrepreneurial storytellers ready to seek funding for their own projects.

Contact Information:

Journalism and Mass Communication, Walter Cronkite School of

The Sidney Poitier New American Film School

https://film.asu.edu/degree-programs/narrative-and-emerging-media?dept=392827&id=1

HEXB 510-512

cronkitegrad@asu.edu

602-496-5555

Sports Journalism, MA (CSSPJMA)

Online Degree Search Title: Sports Journalism, MA

Campus: Downtown Phoenix

Program Description:

Sports journalism is the fastest-growing sector of the news media industry, with continued growth on all platforms --- multimedia outlets, broadcast and cable channels and networks, radio and podcasting, and team, league and conference websites and social media platforms.

The Walter Cronkite School of Journalism and Mass Communication's MA program in sports journalism is a 36 credit hour, three-semester program providing students with unparalleled preparation for careers in sports media and communications.

Students begin with an intensive multimedia skills-based course, which teaches them to produce sports and news coverage across broadcast, digital and print platforms. From there, students choose advanced classes in sports reporting, videography, podcast production, live sports production, play-by-play, narrative writing, documentary video and participate in sports bureaus located in Phoenix and Los Angeles. Students learn the values and principles embodied by Walter Cronkite in classes that focus on sports journalism ethics and the challenges faced by the industry.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

 Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

36 credit hours including the required capstone course (MCO 570).

Required Core (15 credit hours)

MCO 503 Media Law (3)

MCO 510 Data Journalism (3)

MCO 526 Advanced Issues in 21st Century Sports and Media (3)

MCO 529 Ethics and Diversity in Sports Journalism (3)
MCO 540 Sports Reporting (3)

Electives or Research (3 credit hours)

Other Requirement (9 credit hours)
MCO 502 Journalism Skills (8)
MCO 504 Journalism Skills Lab (1)

Culminating Experience (9 credit hours)
MCO 570 Capstone: Cronkite News - Los Angeles Sports Bureau (9) or
MCO 570 Capstone: Cronkite News - Phoenix Sports Bureau (9)

Additional Curriculum Information
Students must complete a total of eight credit hours of MCO 502, which is offered at variable credit hours and can be taken multiple times.

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement of interest (350 to 500 words in length)
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 600 for the paper-based examination and 100 for the internet-based examination.

The Cronkite School's graduate committee reviews complete and on-time applications on a rolling basis, with priority for admissions and funding for applications received by December 1.

Global Opportunities:
Global Experience:
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students).

Career Opportunities:
Expertise in the sports journalism field is in high demand across sports organizations, news networks and digital media outlets. The high-value takeaways and tactical skills gained in the sports journalism master's degree program turn students into competitive candidates and sports journalism leaders.

Career opportunities for students who obtain a sports journalism master's degree include:

  • sports editor
  • sports news reporter
  • sports play-by-play announcer
  • sports PR and strategic communications professional

- sports television reporter
- sports television and video producer
- team, league or conference reporter

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csspjma/
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Law, Sandra Day O'Connor College of

Biotechnology and Genomics, LL.M. (LWGENOMLLM)

Online Degree Search Title: Biotechnology and Genomics, LLM
Campus: Downtown Phoenix

Program Description:
Today's lawyers must be prepared to handle challenges like those that surround international trade, evidentiary standards, personalized medicine, licensing and business planning, to name a few.

The LLM degree program in biotechnology and genomics is associated with the Center for Law, Science and Innovation, the nation's largest and oldest multidisciplinary research center focusing on the legal implications of new scientific discoveries and emerging technologies. The faculty has a long history of high-quality teaching, and a vast number hold postgraduate degrees in a wide array of sciences.

Coursework and research opportunities are diverse. Through classroom instruction and guided independent study, Master of Laws candidates examine the legal issues surrounding genetic applications such as:

- cloning
- forensic evidence
- gene testing
- gene therapy
- genetically modified organisms
- stem cells and behavioral genetics

The issues relate to:

- business planning
- confidentiality
- evidentiary standards
- intellectual property
- international trade
- liability
- licensing
- privacy
- regulation

Students in the Master of Laws program in biotechnology and genomics explore and examine the law that enables and constrains the development, control and application of biotechnology and genomics.

Forensic science and ethical constraints upon the various contemplated uses are also important elements of the program.

Because the legal, ethical and policy aspects of genomics and biotechnology are of global significance, this program is also beneficial for non-U.S. lawyers. Candidates for a Master of Laws degree must have received their JD or comparable terminal law degree from another country.

Degree Requirements:

The program is designed to be completed in nine months on a full-time basis but also may be pursued on a part-time basis. A degree candidate

must complete 24 credit hours of coursework to obtain the Master of Laws degree in biotechnology and genomics. A candidate may elect to write a graduate thesis for either three or six credit hours or can elect not to write a thesis and fulfill the equivalent credits with other coursework. Two required courses are: genetics and the law, and biotechnology: science, law and policy.

The remaining credit hours generally are obtained from the list of elective courses. With faculty advisor approval, a candidate may satisfy up to six credit hours with courses offered by other ASU departments or by law courses that are not included on the approved elective list.

Admission Requirements:
Applicants should see the program website for application deadlines.

Admission to the program is competitive. In order to be admitted, an applicant must have completed a Juris Doctor degree program or a law degree program at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country and have submitted a complete application to the program. Selection is based on:

- academic background and potential
- career experience and ambitions
- diversity of experience and background
- space and resource limitations in the law school
- strength of experience related to the program sought and other factors

For an application to be considered complete, it must include the following:
- completed Law School Admissions Council electronic application form, available at https://law.asu.edu/admission/llm (https://law.asu.edu/admission/llm)
- completed LLM Credential Assembly Service report: https://www.lsac.org/llm-other-law-program-applicants/application-process-llm-other-law-programs (https://www.lsac.org/llm-other-law-program-applicants/application-process-llm-other-law-programs)
- required application fee
- resume that does not exceed three typed pages
- personal statement that does not exceed 1,250 words (double-spaced typed pages)
- transcripts from all institutions attended, including the transcript showing that the bachelor's degree and law degree were conferred
- two letters of recommendation
- writing sample

Additional Application Information
Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and will be provided to the ASU College of Law by LSAC.

Applicants with degrees from foreign institutions must meet ASU Graduate College and Sandra Day O'Connor College of Law English proficiency requirements.

Career Opportunities:
Graduates of the Master of Laws program in biotechnology and genomics can excel in the following legal fields:

- agricultural law and policy
- bioethics
- biomedical research ethics and law
- biotechnology policy
- biotechnology licensing and litigation
- FDA regulation
- genetics and the law
- health law, particularly public health law
- intellectual property law
- nanotechnology law and policy
- neuroscience and the law
- patent law and patent litigation
- privacy

Contact Information:
Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/llm
BCLS 420

llmasu@asu.edu
480-965-1474

Health Law and Policy (Certificate), Certificate (LWHLPGRCT)

Online Degree Search Title: Health Law Policy (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The health law and policy certificate at ASU's Sandra Day O'Connor College of Law is a pivotal component in launching a career in health law and policy.

The program is designed to immerse students in multiple areas of health law and policy, broadening their knowledge and skills in preparation for applied practice in public and private sectors, policy development or academic work.

Degree Requirements:

Required Core (5 credit hours)
LAW 650 Health Law (3)
LAW 651 Public Health Law (2)

Electives (10 credit hours)

Culminating Experience
writing requirement and active participation in health law

Additional Curriculum Information
Students are required to participate in at least one of the following activities; other activities consistent with this listing also may be considered by the program or certificate director or designee:

  • active participation as an officer for at least one year in the student Health Law Society
  • editorial board position for at least one year with JURIMETRICS
  • health or public health law-based externships, upon approval from program director or designee, for at least one semester or summer session
  • research assistantship for at least one semester or summer session with the Public Health Law and Policy Program or other centers or programs at ASU Law, provided research is focused predominantly on health-related topics

The student must write a substantial paper on a health or public health law topic of at least 15 single-spaced pages and under guidance of an ASU Law faculty member. Papers satisfying the college's graduation writing requirement or flexible writing requirement or law journal requirements can fulfill this certificate requirement, including as part of seminar courses among the elective courses.

Each student must earn a cumulative average grade of at least 3.00 (scale is 4.00 = "A") for courses taken to satisfy the substantive requirements of the health law and policy certificate. A student also must earn a minimum grade of a "B-" for any course applied toward the certificate.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants must be existing JD or LLM students who are currently enrolled in coursework and in good academic standing with ASU Law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • admission application for the certificate program through Law Interactive*
  • proof of English proficiency

*Students should refer to the ASU Law website.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered

for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Career Opportunities:
ASU JD, LLM, and MLS students concentrating in health law and policy are finding career placements across the United States in an array of positions from diverse employers. Among the opportunities are employment with:

- government agencies at all levels
- health care entities
- health insurers
- law firms
- policy think tanks and academic institutions

For more information, students should consult the Office of Career Services and check out the listing of prominent health law alums and their current positions on the center's website.

Contact Information:
Law, Sandra Day O'Connor College of
College of Law Dean's Office
https://law.asu.edu/
BCLS 340
publichealthlaw@asu.edu
480-965-6181

Human Resources and Employment Law, MHREL (LWHREMHREL)

Online Degree Search Title: Human Resources and Employment Law, MHREL
Campus: Downtown Phoenix, Online

Program Description:
The MHREL is a non-JD graduate program that specifically caters to both entry level and established non-lawyer human resources, recruitment and operations professionals who wish to understand the legal and regulatory framework that governs recruiting, hiring, maintaining, promoting and dismissing employees and independent contractors in the public and private sectors.

Students identify and solve critical employment-related problems facing organizations that only trained professionals understand by learning the complex legal and regulatory framework governing HR activities.

The Master of Human Resources and Employment Law program can be completed either in-person or online in one to three years, on a full-time or part-time basis.

Degree Requirements:

Required Core (18 credit hours)
SDO 501 U.S. Law and Legal Analysis: Masters (3)
SDO 531 Employment Law: Masters (3)
SDO 541 HR and Employment Law: Masters (3)
SDO 551 Duties, Obligations and Rights in the Workplace: Masters (3)
SDO 552 Employment Discrimination: Masters (3)
SDO 569 Advanced HR and Employment Law: Masters (3)

Electives or Research (9 credit hours)

Culminating Experience (3 credit hours)
SDO 685 Human Resource and Employment Law Capstone (3)

Additional Curriculum Information
Following completion of the six required core courses (18 credit hours), students in the Master of Human Resources and Employment Law program can select from varied elective courses (at least nine credit hours) that will count toward their degree. The pool of elective courses students can choose from include courses focused on employment law adjacent subject areas like privacy rights, dispute resolution and contracts. Students are also able to choose elective courses that present an opportunity to explore other legal areas that may interest them or be pertinent to their chosen

career path.

The degree culminates in a three credit hour capstone course that focuses on the practical application of knowledge and skills gained during the degree. During the capstone course, students evaluate the impact of various statutory and regulatory laws that affect the day-to-day operations of a human capital management professional, learn how to successfully navigate challenges these laws present, and manage relationships with varying employee groups at all organizational levels.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • professional resume
  • personal statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants with foreign education credentials should have all transcripts evaluated by the Academic Credentials Evaluation Institute, Inc. ACEI independently evaluates all academic documents issued in countries other than the United States.

All applicants must meet the requirements of the Graduate College, as well as those at ASU Law. If English is not an applicant's native language, and an applicant has not completed a bachelor's degree or higher at a regionally accredited institution in the United States, the applicant must provide evidence of English proficiency as indicated by acceptable scores. Most competitive applicants should have a TOEFL score of at least 66 (pBT) or 90 (iBT), an IELTS score of at least 7.0, or a PTE score of at least 64. Exceptional candidates with relevant experience and background who have scores slightly below the thresholds above will also be considered. ASU's institutional code is 4007.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/hr-and-employment-law/)

Career Opportunities:
Employment opportunities exist in supervisory and management positions in government agencies (federal, state and local) and the private sector including:

  • compensation and benefits managers
  • employment recruiters
  • equal employment opportunity managers and specialists
  • executive search consultants
  • hiring managers
  • human resources managers and specialists
  • labor advocates
  • labor relations specialists
  • legal support workers
  • ombudsman

Human resources employment is projected to grow faster than average (employment increase of 5% or more) in the U.S. and to have 100,000 or more job openings nationwide over the period 2019 to 2029.

The Society of Human Resources Management, a premier HR professional organization with 300,000+ members nationwide and globally, has recognized ASU Law as the first law school that is fully aligned with the SHRM curriculum guidelines. https://www.shrm.org (https://www.shrm.org)

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu
BCLS 420
MHRELASU@asu.edu
480-965-1474

Indian Law (certificate), Certificate (LWLAWGRCI)

Online Degree Search Title: Indian Law (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The Indian Law graduate certificate within ASU's Sandra Day O'Connor College of Law provides ASU Law students with the legal expertise to practice Indian law, real world experiences with tribal organizations, and opportunities for scholarship and externships. The certificate recognizes law students with extensive legal knowledge in tribal law and Federal Indian Law.

Established more than 30 years ago, the ILP is one of the most respected Indian law programs in the nation.

Degree Requirements:

The certificate program requires a minimum of 21 credit hours of substantive work in Indian law and related fields. The following courses are required:

LAW 632 Federal Indian Law I
LAW 704 Federal Indian Law II
LAW 776 Indian Legal Clinic
two advanced Indian law courses approved by the faculty director of the Indian Legal Program

The remaining credit hours are comprised of elective courses approved by the faculty director. Students must complete a substantial paper on an Indian law topic approved by the faculty director. Students must receive a grade of "C" (scale is 4.00 = "A") or above or a "Pass" in each course used to fulfill the Indian law certificate requirements.

More specific requirements for completion of the Indian law certificate can be found on the Sandra Day O'Connor College of Law website.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students wishing to pursue the Indian law certificate must be enrolled in the Juris Doctor degree program at the Sandra Day O'Connor College of Law and must be in good standing. Specific requirements for the Indian law certificate program can be found at the college's website.

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Graduates stand out to employers, especially if seeking a job in representing state, federal or tribal governments or representing companies that do business with tribes.

Working for tribes, in public service, private practice and nonprofit organizations, Indian Legal Program alumni are making a difference in Indian Country.

Contact Information:
Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/indian-legal-program
BCLS 420
ilp@asu.edu
480-965-6204

Juris Doctor of Law, JD (LWJDJD)

Online Degree Search Title: Juris Doctor, JD
Campus: Downtown Phoenix

Program Description:
The JD degree program from the Sandra Day O'Connor College of Law prepares the next generation of legal scholars to become successful lawyers. The Juris Doctor program offers a large selection of courses with options for transdisciplinary study with other departments on campus. Students find the opportunity to take classes with a more traditional, theoretical focus and to take advantage of many options that focus on the development of practice skills. The variety of focus areas offered by ASU Law include:

- business law
- criminal law
- health law
- Indian law
- intellectual property
- international law
- international rule of law and security
- law, science and technology
- law and sustainability
- patent practice
- sports law and business
- trial advocacy

ASU Law JD students must complete a total of 88 credit hours in order to graduate. First-year JD students take courses in civil procedure, contracts, torts, legal method and writing, property, constitutional law I, criminal law, legal advocacy and professional responsibility. After the first year, all courses are electives; students must satisfy two writing requirements and an experiential requirement in order to graduate. A full list of graduation requirements can be found on the ASU Law website: https://law.asu.edu/aba-disclosures (https://law.asu.edu/aba-disclosures).

Focus programs, (https://law.asu.edu/degree-programs (https://law.asu.edu/degree-programs)), certificates (https://law.asu.edu/degree-programs/jd/certificates (https://law.asu.edu/degree-programs/jd/certificates)), study abroad options (https://law.asu.edu/experiences/abroad (https://law.asu.edu/experiences/abroad)), the Washington, D.C. campus, and many other opportunities are available, to enhance students' experiences.

Students can pursue a Juris Doctor concurrently with other degrees from ASU like an MBA, MSW, MSLB or a PhD in justice studies. Mayo Clinic School of Medicine students also have an opportunity to pursue a dual JD/MD degree. More information is available on the Mayo Clinic and ASU website: https://mayo.asu.edu/dualdegrees (https://mayo.asu.edu/dualdegrees).

A flexible schedule program is offered for students who wish to attend law school but cannot manage full-time enrollment due to other obligations in their lives; however, it is not an evening program. More information can be found on the ASU Law website at https://law.asu.edu/degree-programs/jd/jd-flexible-schedule (https://law.asu.edu/degree-programs/jd/jd-flexible-schedule).

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
    Justice Studies, PhD
    Social Work - Standard Program, MSW
    W. P. Carey MBA - Full-Time Program

Degree Requirements:

Required Core (30 credit hours)
LAW 515 Contracts (4)
LAW 516 Criminal Law (3)
LAW 517 Torts (4)
LAW 518 Civil Procedure (4)
LAW 519 Legal Method and Writing (3)
LAW 522 Constitutional Law (3)
LAW 523 Property (4)
LAW 524 Legal Advocacy (2)
LAW 638 Professional Responsibility (3)

Electives (58 credit hours)

Additional Curriculum Information
A minimum of 64 units must be obtained from courses that involve attendance at regularly scheduled class sessions. The following do not count toward these required 64 units: all externships; independent studies; non-LAW courses taken at the College of Law under section II A 11 c; credits received for working for a journal under section II A 11 d; credits received for Moot Court under section II A 11 e; credits received for being a teaching assistant under section II A 11 f; and credit from courses without regularly scheduled meetings.

Students should see the ASU Law's Statement of Student Policies for additional JD degree requirements.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

To be considered for admission to the JD program, applicants must have taken the LSAT (excludes applicants applying to the ASU Achievement Program) and have earned or will earn by the time of enrollment in law school a bachelor's degree that has been awarded by an institution that is accredited by an accrediting agency recognized by the United States Department of Education.

ASU Law requires applicants to apply electronically through the Law School Admission Council website at https://www.lsac.org/ (https://www.lsac.org/).

An application for admission must include:
  • electronic application (application fee waived for all 2021 applicants)
  • personal statement (no more than two pages, double-spaced and font size no smaller than 11 point)
  • resume (no more than two pages and font size no smaller than 11 point)
  • character and fitness statement, if applicable, explaining affirmative answers to questions 1-8 in the Character and Fitness section
  • binding admission contract, if applicable;
  • a valid LSAT score (excludes applicants applying to the ASU Achievement Program)
  • transcripts from each undergraduate and graduate institution attended (must be sent to LSAC)
  • proof of English proficiency for applicants whose native language is not English regardless of current residency.
Applications may also include:
  • letters of recommendation: no more than two letters submitted through LSAC to be included in applicant's Credential Assembly Service report*
  • Optional addenda

*Since these are not required, the admission office will not wait for letters to complete an applicant's file for review.

Additional Application Information
The JD program enrolls one first-year class per year, entering in the fall semester. The degree is a three-year full-time program. However, ASU Law offers a flexible scheduling option for students with circumstances that make full-time enrollment impossible, but it is not an evening program. Admission to ASU Law is competitive and each year ASU Law receives more applications from eligible candidates than can be accommodated.

ASU Law seeks to enroll a dynamic group of individuals that will provide an engaging learning environment. The admissions committee makes decisions after considering all the information provided by the applicant. Among the factors influencing the admission decision are LSAT performance, undergraduate grade point average, quality and grading patterns of undergraduate institutions, previous graduate education, demonstrated commitment to public service, work and leadership experience, extracurricular or community activities, history of overcoming economic or other disadvantages, uniqueness of experience and background, maturity, ability to communicate, foreign language proficiency, honors and awards, service in the armed forces, and publications.

For detailed information about the Juris Doctor application process, interested applicants are asked to visit the ASU Law website. https://law.asu.edu/admission/jd (https://law.asu.edu/admission/jd)

Global Opportunities:

Global Experience:

Study abroad is possible for graduate students, with more than 50 program opportunities spanning seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. More information is available on the Global Education website. https://goglobal.asu.edu/students/graduate-students (https://goglobal.asu.edu/students/graduate-students)

Career Opportunities:

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 9% between 2020 and 2030. The Juris Doctor degree can lead to a lucrative career in any of several fields.

Career examples include:

- administrative or regulatory attorney
- antitrust lawyer
- appellate lawyer
- arbitration, mediation and dispute resolution attorney
- banking lawyer
- chief executive officer
- chief legal officer
- compliance attorney
- corporate lawyer
- criminal prosecutor or criminal defense attorney
- education lawyer
- elder law attorney
- environmental lawyer
- family lawyer or divorce attorney
- health care lawyer
- human rights or civil rights lawyer
- immigration attorney
- intellectual property lawyer
- international lawyer
- judge advocate in the U.S. military
- judicial clerk
- law firm administrator
- law firm partner
- law school professor
- politician or member of congress
- tax lawyer

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/jd
BCLS 420
asulaw.admissions@asu.edu
480-965-1474

Law and Sustainability (Certificate), Certificate (LWLSUSGRCT)

Online Degree Search Title: Law and Sustainability (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:

The law and sustainability graduate certificate within ASU's Sandra Day O'Connor College of Law is designed to propel ASU Law students into

environmental sustainability-related legal careers.

Environmental sustainability is a primary emphasis at ASU, and this certificate program leverages that emphasis by recognizing those law students who have successively immersed themselves in sustainability-related law coursework during their time at the law school.

The certificate program provides instruction and meaningful research experiences, equipping students with the knowledge and skills necessary to become influential leaders in the global sustainability movement. The program's renowned faculty research and teach in every major area of sustainability policy, including climate change, water, energy and environmental protection. Students in the program have access to a range of externships, research opportunities, moot court experiences and mentorships.

Degree Requirements:

Required Core (6 credit hours)
LAW 619 Energy Law and Policy (3)
LAW 631 Environmental Law (3)
LAW 639 Natural Resource Law (3)
LAW 643 Water Law (3)

Electives (9 credit hours)

Culminating Experience
writing requirement and active participation in sustainability law

Additional Curriculum Information
Students must select two of the required core courses from the above list.

The academic unit maintains a list of preapproved elective coursework. Students should contact the academic unit for the current list.

Students must earn a cumulative grade point average of at least 3.00 (scale is 4.00 = "A") for those courses taken to satisfy the substantive coursework requirement for the law and sustainability certificate. Students also must earn a minimum grade of "B" in any approved elective course taken outside of the Sandra Day O'Connor College of Law.

To earn the certificate, students must participate in at least two different activities from the following list:

 • completion of a sustainability-focused legal externship approved by the program or faculty director
 • completion of the Sustainability Law Research Seminar
 • membership on the elected board of the law school's Environmental Law Society student chapter
 • participation in an extramural environmental or sustainability moot court competition approved by the program or faculty director
 • participation as a mentee in the Mentorship Initiative in Sustainability Law

Each student must write a substantial paper on a topic related to law and sustainability. The paper must be at least 15 pages in length and written under the guidance of a member of the Sandra Day O'Connor College of Law faculty. A sustainability-related paper written to satisfy ASU Law's graduate writing requirement or flexible writing requirement can fulfill this writing requirement, including a paper written as part of a seminar course included on the list of elective courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants must be existing JD or LLM students who are currently enrolled in coursework and in good academic standing with ASU Law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • an admission application for the certificate program through Law Interactive*
   • proof of English proficiency

*Students should refer to the Sandra Day O'Connor College of Law website.

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Career Opportunities:
Due to ASU Law's close proximity to dozens of law firms, government offices and other legal employers in sustainability-related fields, numerous ASU law students involved in the law and sustainability program secure legal externships each year. Externships that ASU law students have participated in recently include: Arizona Attorney General's Office, Arizona Corporation Commission, Arizona Department of Environmental Quality, Arizona State Legislature, City of Mesa, City of Scottsdale, Climate Institute, Gammage and Burnham PLC, Kyl Center for Water Policy, Office of Water Master, Rose Law Group PC, Salt River Project, and the United States Environmental Protection Agency.

Contact Information:
Law, Sandra Day O'Connor College of
College of Law Dean's Office
https://law.asu.edu/focus-areas/sustainability
BCLS 478
LawandSustainability@asu.edu
480-965-7553

Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)

Online Degree Search Title: Law, Science, and Technology (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The law, science, and technology certificate program is for students with science and technology interests and is limited to students in good standing pursuing a JD degree at the Sandra Day O'Connor College of Law.

At ASU, the law, science and technology program is home to intellectual property, life sciences and biotechnology, and governance of emerging technologies focus areas, as well as the newest addition: data, privacy and security. In each area, the program offers a specialized graduate certificate with robust coursework, student cohorts with attorney and faculty mentorship, and presentation and publication opportunities. In addition, the program collaborates with five ASU Law student organizations, programs in health law, international law and sustainability law, and other ASU partners to create an interdisciplinary understanding of the issues driven by science and technology that span all areas of law, policy and practice.

Students may choose to earn a general certificate or focus in one or more of the following areas:

- data, privacy and security
- intellectual property
- life sciences

Degree Requirements:

Students must satisfy their graduation writing requirement on a topic related to law, science and technology. The paper must meet all of the Sandra Day O'Connor College of Law requirements for a graduation writing requirement and must be supervised by a center fellow.

A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required for those courses that satisfy the substantive coursework requirements of the certificate. Courses used to satisfy the core or focus area requirements may not be taken for pass or fail credit. A student may take one elective course on a pass or fail basis.

Substantive coursework is required in law, science and technology subjects for a minimum of seven courses, earning at least 16 credit hours, at the Sandra Day O'Connor College of Law. Two courses are chosen from the designated core courses and five courses are chosen from a list of elective courses.

Each student is encouraged to actively participate in the events (lectures, conferences, symposia) sponsored by the Center for Law, Science and Innovation and to participate in at least one approved activity for two semesters.

Additional details of the program requirements for the law, science and technology certificate can be found in the Sandra Day O'Connor College of Law Statement of Student Policies.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students wishing to pursue the law, science and technology certificate must be enrolled in the JD program at the Sandra Day O'Connor College of Law and be in good standing.

Specific requirements for admission to the law, science and technology certificate program can be found on the college website.

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The certificate in law, science and technology is designed for those interested in becoming an attorney and practicing law with an emphasis in law, science and technology. Careers include practicing attorneys in intellectual property, life sciences, data, privacy and security legal sectors.

Contact Information:
Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/jd/certificates/lst-certificate
BCLS 420
Lsi@asu.edu
480-965-5386

Laws, LL.M. (LAWLAWSLLM)

Online Degree Search Title: Laws, LLM
Campus: Downtown Phoenix, Online

Program Description:
The LLM program allows one year of post-JD study tailored to the scholarly and practice interests of participating students. Study is available in a variety of areas in which the law school holds particular strength.

With more than 250 unique courses to choose from each year (https://law.asu.edu/admissions/courses (https://law.asu.edu/admissions/courses)), the 24 credit hour Master of Laws program is customized to meet students' career goals with focus on popular areas of study: https://law.asu.edu/degree-programs (https://law.asu.edu/degree-programs). The graduate program is flexible with fall and spring starts as well as full-time and part-time options. In order to be admitted to the Master of Laws program, applicants must have completed a Juris Doctor degree or a law degree at a foreign institution that would qualify an applicant to practice law.

The college also offers a Master of Laws in biotechnology and genomics (https://law.asu.edu/focus-areas/biotech-genomics (https://law.asu.edu/focus-areas/biotech-genomics)) and in tribal policy, law and government (https://law.asu.edu/indian-legal-program (https://law.asu.edu/indian-legal-program)).

To learn more, students should attend one of many provided information sessions, which may be found at https://law.asu.edu/visit (https://law.asu.edu/visit).

Emphasis areas include:

- business law: https://law.asu.edu/emphasis-areas/business-law (https://law.asu.edu/emphasis-areas/business-law)
- criminal law: https://law.asu.edu/emphasis-areas/criminal-law (https://law.asu.edu/emphasis-areas/criminal-law)
- entrepreneurship law and strategy: https://law.asu.edu/emphasis-areas/entrepreneurship-law-strategy (https://law.asu.edu/emphasis-areas/entrepreneurship-law-strategy)
- health law: https://law.asu.edu/emphasis-areas/public-health-law-policy (https://law.asu.edu/emphasis-areas/public-health-law-policy)
- Indian gaming: https://law.asu.edu/emphasis-areas/indian-gaming-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
- Indian law: https://law.asu.edu/indian-legal-program (https://law.asu.edu/indian-legal-program)
- intellectual property law: https://law.asu.edu/programs/intellectual-property (https://law.asu.edu/programs/intellectual-property)
- international law: https://law.asu.edu/emphasis-areas/international (https://law.asu.edu/emphasis-areas/international)
- international rule of law and security: https://law.asu.edu/programs/irls (https://law.asu.edu/programs/irls)
- law and sustainability: https://law.asu.edu/programs/sustainability (https://law.asu.edu/programs/sustainability)
- patent practice: https://law.asu.edu/emphasis-areas/patent (https://law.asu.edu/emphasis-areas/patent)
- science and technology law: https://law.asu.edu/emphasis-areas/law-technology (https://law.asu.edu/emphasis-areas/law-technology)
- tribal self-governance: https://law.asu.edu/emphasis-areas/indian-gaming-governance (https://law.asu.edu/emphasis-areas/indian-gaming-

governance)

Degree Requirements:

The program requires 24 credit hours. Required courses depend on the student's particular concentration in the degree. International students are required to take LAW 596 Professional Legal Writing. A candidate may elect either to write a master's degree portfolio paper or complete an applied project. The remaining credit hours generally are obtained from the list of elective courses. With faculty advisor approval, a candidate may satisfy up to six credit hours with courses offered by other ASU departments or by law courses that are not included on the approved elective list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a Juris Doctor degree in the U.S. or a law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country.

All applicants must submit:
- completed LLM application form
- official transcripts from all institutions attended
- explanations to affirmative answers to any conduct questions
- resume, not exceeding three typed pages
- statement of interest, not exceeding 1,250 words (double-spaced, typed pages)
- two letters of recommendation
- writing sample
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Sandra Day O'Connor College of Law website for acceptable TOEFL scores and additional information for foreign educated applicants.

All foreign educated applicants are required to use the Law School Admission Council LLM Credential Assembly Service, which includes the ASU Law Electronic Application, the Document Assembly Service, and the International Transcript and Authentication Service. Students should refer to the special instructions for foreign-educated applicants at https://law.asu.edu/admissions/apply/llm/foreign (https://law.asu.edu/admissions/apply/llm/foreign).
Complete the LSAC Electronic Application found at https://llm.lsac.org/login/access.aspx?appl=4007L1 (https://llm.lsac.org/login/access.aspx?appl=4007L1).

Complete the CAS report. The CAS report must be from the current application year. https://www.lsac.org/ (https://www.lsac.org/)
U.S.-educated applicants have the option of applying through the LSAC LLM Credential Assembly Service, which includes the ASU Law Electronic Application and Document Assembly Service or applying through the ASU Law website using the LLM application form found at https://www.law.asu.edu/LLMApp (https://www.law.asu.edu/LLMApp).

ASU law alumni graduates who are interested in the LLM should refer to the Law for Life program. https://law.asu.edu/alumni (https://law.asu.edu/alumni)

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and these are provided to the ASU College of Law by LSAC. Transcripts are required from all institutions attended, and transcripts showing that the bachelor's degree and law degree were conferred must be included. Applicants who encounter any problems should contact the LSAC help desk at 215-968-1001.

For applications to be considered complete, submissions must include all items in the bulleted list above.

Admission to the program is competitive. Selection is based on academic background and potential, diversity of experience and background, career experience and ambitions, strength of experience related to the program sought, space and resource limitations in the law school and other factors.

Applicants should see the program website for application deadlines.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-of-laws/)

Career Opportunities:

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 9% between 2020 and 2030. The Master of Laws degree can lead to a number of opportunities in the legal profession at large, helping current lawyers advance in their careers by refining their leadership skills, becoming fluent with advanced terminology, and developing a keen sense of professionalism.

Career examples include:

- chief executive officer
- chief legal officer
- judge
- law firm administrator
- law firm partner
- law school professor
- litigation support director
- politician or member of Congress
- private banker

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/llm
BCLS 420
llmasu@asu.edu
480-965-1474

Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)

Online Degree Search Title: Laws (Global Legal Studies), LLM
Campus: Downtown Phoenix

Program Description:

The LLM program allows one year of post-JD study tailored to the scholarly and practice interests of participating students.

The program draws on the unique focus of the center and the faculty's international and transnational legal expertise in global health, the environment, human rights, trade and emerging technologies. The program emphasizes transdisciplinary study and links rigorous legal training with the research and scholarship drawn from political science, policy studies, anthropology and sustainability.

Students can take a wide variety of courses on international topics, ranging from international environmental law to international human rights law to international institutions. These include business-related courses such as international contracts, international taxation, international commercial arbitration and international business transactions.

Student who participate in externships gain practical experience that makes them more competitive for jobs at home and abroad. ASU Law can place every eligible enrolled student into an externship at organizations in Arizona (https://law.asu.edu/locations/phoenix (https://law.asu.edu/locations/phoenix)) or Washington, D.C., like the U.S. State Department, World Bank, International Rescue Committee, Department of Homeland Security and Human Rights First. ASU Law DC-based externship opportunities are available to view here: https://law.asu.edu/experiences/externships (https://law.asu.edu/experiences/externships). The opportunity for students to network with international decision-makers, opinion leaders and top practitioners is further amplified through ASU's large presence in Washington, D.C. (https://washingtondc.asu.edu/#why-is-asu-in-washington-dc (https://washingtondc.asu.edu/#why-is-asu-in-washington-dc)).

Students can develop professionally by engaging with globally minded leaders in the legal, government and business communities. For instance, the Phoenix Committee on Foreign Relations hosts events and other forums for select students to engage with prominent leaders and practitioners on trending international issues.

Each year, the Sandra Day O'Connor College of Law holds a workshop with the American Red Cross on international humanitarian law that brings students, members of the military and community leaders together to learn more about the principles governing armed conflict.

Degree Requirements:

The program is designed to be completed in one academic year (nine months) on a full-time basis but may also be pursued on a part-time basis. A degree program candidate must complete 24 credit hours of coursework. A candidate may elect to write a master's degree portfolio paper or, instead, can elect to complete an applied project. Required coursework includes two of the following courses:

LAW 615 Public International Law (3)

LAW 691 Seminar: International Institutions (2)

LAW 709 International Human Rights (2-3)

LAW 768 International Business Transactions (2-4)

An international student whose initial law degree is not from a U.S. law school is required to take the following course:

LAW 596 Professional Legal Writing (3)

The remaining credit hours are generally obtained from the list of elective courses in international law.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a Juris Doctor degree in the U.S. or a law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country.

All applicants must submit:
- completed LLM application form
- official transcripts
- resume, not exceeding three typed pages
- statement of interest, not exceeding 1,250 words (double-spaced, typed pages)
- two letters of recommendation
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the College of Law website for acceptable TOEFL scores and additional information for foreign educated applicants.

Applicants are encouraged to apply electronically through https://www.lsac.org (https://www.lsac.org/).

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and are provided to the ASU College of Law by LSAC. Transcripts are required from all institutions attended, and transcripts showing that the bachelor's degree and law degree were conferred must be included.

Admission to the program is competitive. Selection is based on academic background and potential, diversity of experience and background, career experience and ambitions, strength of experience related to the program sought, space and resource limitations in the law school and other factors.

Potential applicants should see the program website for application deadlines.

Career Opportunities:

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 9% between 2020 and 2030. The Master of Laws degree can lead to a number of opportunities in the legal profession at large, helping current lawyers advance in their careers by refining their leadership skills, becoming fluent with advanced terminology, developing a keen sense of professionalism, and learning how to navigate an ever-changing global environment.

Career examples include:

- chief executive officer or legal officer
- global litigation director
- judge
- law firm partner or administrator
- law school professor
- private banker (international)

Contact Information:

Law, Sandra Day O'Connor College of

Sandra Day O'Connor College of Law

https://law.asu.edu/degree-programs/llm

BCLS 420

llmasu@asu.edu
480-965-1474

Legal Studies, MLS (LWLGSMLEGS)

Online Degree Search Title: Legal Studies, MLS
Campus: Downtown Phoenix, Online

Program Description:
The MLS program is flexible; it is offered in the fall, spring and summer, full-time and part-time, in-person and online. Students may focus their program on popular areas of study listed below. To learn more or schedule a visit, students should refer to the ASU Law website. https://law.asu.edu/visit (https://law.asu.edu/visit)

Emphasis areas offered in-person include:

• business law: https://law.asu.edu/emphasis-areas/business-law (https://law.asu.edu/emphasis-areas/business-law)
• conflict resolution: https://law.asu.edu/emphasis-areas/conflict-resolution (https://law.asu.edu/emphasis-areas/conflict-resolution)
• criminal law: https://law.asu.edu/emphasis-areas/criminal-law (https://law.asu.edu/emphasis-areas/criminal-law)
• entrepreneurship law and strategy: https://law.asu.edu/emphasis-areas/entrepreneurship-law-strategy (https://law.asu.edu/emphasis-areas/entrepreneurship-law-strategy)
• federal Indian law and tribal self-governance: https://law.asu.edu/emphasis-areas/indian-gaming-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• health law: https://law.asu.edu/emphasis-areas/public-health-law-policy (https://law.asu.edu/emphasis-areas/public-health-law-policy)
• Indian gaming: https://law.asu.edu/emphasis-areas/indian-gaming-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• Indian law: https://law.asu.edu/indian-legal-program (https://law.asu.edu/indian-legal-program)
• intellectual property law: https://law.asu.edu/programs/intellectual-property (https://law.asu.edu/programs/intellectual-property)
• international law: https://law.asu.edu/emphasis-areas/international (https://law.asu.edu/emphasis-areas/international)
• international rule of law and security: https://law.asu.edu/programs/irls (https://law.asu.edu/programs/irls)
• law and sustainability: https://law.asu.edu/programs/sustainability (https://law.asu.edu/programs/sustainability)
• science and technology law: https://law.asu.edu/emphasis-areas/law-technology (https://law.asu.edu/emphasis-areas/law-technology)

Emphasis areas offered online include:

• business law: https://law.asu.edu/emphasis-areas/business-law (https://law.asu.edu/emphasis-areas/business-law)
• conflict resolution: https://law.asu.edu/emphasis-areas/conflict-resolution (https://law.asu.edu/emphasis-areas/conflict-resolution)
• construction law: https://law.asu.edu/degree-programs/mls/mls-online/construction-law (https://law.asu.edu/degree-programs/mls/mls-online/construction-law)
• contract management: https://law.asu.edu/degree-programs/mls/mls-online/contract-management (https://law.asu.edu/degree-programs/mls/mls-online/contract-management)
• corporate and health care compliance: https://law.asu.edu/degree-programs/mls/mls-online/corporateandhealthcarecompliance (https://law.asu.edu/degree-programs/mls/mls-online/corporateandhealthcarecompliance)
• criminal law: https://law.asu.edu/emphasis-areas/criminal-law (https://law.asu.edu/emphasis-areas/criminal-law)
• federal Indian law and tribal self-governance: https://law.asu.edu/emphasis-areas/indian-gaming-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• Indian gaming: https://law.asu.edu/emphasis-areas/indian-gaming-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• Indian law: https://law.asu.edu/indian-legal-program (https://law.asu.edu/indian-legal-program)
• intellectual property law: https://law.asu.edu/programs/intellectual-property (https://law.asu.edu/programs/intellectual-property)
• law and sustainability: https://law.asu.edu/programs/sustainability (https://law.asu.edu/programs/sustainability)
• legal paraprofessional: https://asuonline.asu.edu/online-degree-programs/graduate/legal-paraprofessional-mls/ (https://asuonline.asu.edu/online-degree-programs/graduate/legal-paraprofessional-mls/)

Pursuant to American Bar Association standards, no law credits completed prior to admission to a JD program, including credits earned in the Master of Legal Studies program, may be transferred to a future Juris Doctor program under any circumstances.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
Information Systems Management, MS
Management, MS
Master of Mass Communication, MMC
Real Estate Development, MRED

Sustainability Solutions, MSUS
W. P. Carey MBA - Evening Program
W. P. Carey MBA - Full-Time Program

Degree Requirements:

The program consists of 30 credit hours of approved study. The degree program can be completed on a full-time or part-time basis. Students are required to take:

LAW 581 U.S. Law and Legal Analysis (3)

Students are required to choose one of the following basic foundational courses:
LAW 515 Contracts* or LAW 530 Fundamentals of Contract Law (4/3)
LAW 516 Criminal Law (3)*
LAW 517 Torts (2/4)*
LAW 518 Civil Procedure (3/5)*
LAW 522 Constitutional Law (3)*
LAW 523 Property (2/4)*
LAW 602 Civil Procedure II (3/4)
LAW 604 Criminal Procedure (3)
LAW 625 Survey of Individual Rights in Constitutional Law (3/4)
LAW 654 Business Organizations (3/4)
LAW 664 Intellectual Property (2/4)

*Students may enroll in no more than two of the courses marked with an asterisk.

The remainder of the credits are electives. Elective course selection is flexible, to accommodate the diversity of intellectual and professional interests the program is intended to serve.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from an accredited four-year college or university in the United States or attained a comparable degree from a foreign institution.

All applicants must submit:
 • completed MLS application form and application fee
 • official transcripts from all institutions attended
 • proof of English proficiency
 • resume that does not exceed three typed pages

Additional Application Information
Applicants who have received their bachelor's or master's degree in the U.S. can apply through the MLS FastApp application process, which streamlines the application process and may allow for an offer of conditional admission to the MLS program while the applicant continues to submit any additional requested documentation.

If a decision cannot be made from the FastApp, the Sandra Day O'Connor College of Law Admissions team may request additional information from the applicant, including any or all of the following:

 • writing sample
 • explanations to affirmative answers to application questions pertaining to conduct
 • two letters of recommendation

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Sandra Day O'Connor College of Law website for acceptable TOEFL scores and additional information for foreign-educated applicants.

MLS applicants with foreign education credentials must have all transcripts evaluated by the Academic Credentials Evaluation Institute, Inc. independently evaluates all academic documents issued in countries other than the United States. Students should contact ACEI through that organization's website to obtain an application for an evaluation. Applicants must request a course-by-course evaluation and order an official copy be sent directly to:

Sandra Day O'Connor College of Law

Arizona State University
Beus Center for Law and Society
Office of Admissions and Financial Aid
Mail Code: 9520
111 E Taylor St.
Phoenix, AZ 85004

Admission to the program is competitive. Selection is based on a variety of factors, including academic background and potential, diversity of experience and background, career experience and ambitions, space and resource limitations in the law school and other factors.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-legal-studies/)

Career Opportunities:
The Master of Legal Studies degree is designed for those looking to obtain working knowledge of the law but do not intend on becoming practicing lawyers. Graduates have achieved training in complicated legal topics and lawyering skills that prove invaluable to law firms, court systems, government agencies and corporations. There are many career paths for graduates, including:

- accreditation director
- fraud investigator
- operations director
- risk analyst
- senior administrator (e.g., inside a law firm)
- senior business analyst
- senior contract negotiator
- Senior compliance director

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage. https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure)

Contact Information:
Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/mls
BCLS 420
mlsasu@asu.edu
480-965-1474

Sports Law and Business, MSLB (LWSLBMSLB)

Online Degree Search Title: Sports Law and Business, MSLB
Campus: Downtown Phoenix

Program Description:
The MSLB program at the Sandra Day O'Connor College of Law at Arizona State University is centrally located in vibrant downtown Phoenix. This unique program blends sports, law and business from a nationally ranked law school with world-class faculty, including MLB Commissioner Emeritus Allan "Bud" Selig.

The sports law and business program uses the expertise of world-class faculty and programming to provide specialized and targeted experiences for legal scholars with career aspirations in sports. It is the only law master's degree program in the U.S. that combines sports, law and business into one comprehensive program.

This in-person 36-credit hour degree program is offered in the fall semester and has both full-time and part-time student opportunities. The program offers admitted students the opportunity to apply for the following opportunities: The Allan "Bud" Selig Scholarship, the SLB Graduate Assistant Team, and the MSLB Graduate Assistantship positions with Sun Devil Athletics. These opportunities are only available to students who have been accepted into the Master of Sports Law and Business program.

Degree Requirements:

Required Core (21 credit hours)
SLB 510 Amateur Sports Law: MSLB (3) or SLB 512 Professional Sports Law: MSLB (3)
SLB 511 Career Strategies and Business Communications in the Sports Industry (3)
SLB 514 Negotiations and Alternative Dispute Resolutions in the Sports Industry (3)
SLB 515 Sports Business Strategies and Executive Decisions (3)
SLB 517 Marketing for Sports Organizations (3)
SLB 518 Sports Analytics (3)
SLB 581 U.S. Law and Legal Analysis Through Sport: MSLB (3) or LAW 519 Legal Method and Writing (3)

Electives or Research (12 credit hours)
SLB 516 Revenue Generation in the Sports Industry (3)
SLB 519 Pro Sports Team Operations and Legal Issues: MSLB (3)
SLB 522 NCAA Compliance, Infractions and Enforcement: MSLB (3)
SLB 523 MLB's Impact on Law and Society: MSLB (1-3)
SLB 524 Law and Business of Sports Branding: MSLB (3)
SLB 525 Sports Big Events: Law/Biz/Ops: MSLB (3)
SLB 598 Topic: Innovating Sports Organizations: Leadership and Diversity and Inclusion (3)
SLB 598 Topic: Sports Sponsorship, Partnership, and Activations (3)
SLB 598 Topic: Strategic Planning for the Future in Sports (3)

Culminating Experience (3-6 credit hours)
SLB 593 Applied Project (3-6)

Additional Curriculum Information
Students must complete a minimum of three credits with a maximum of six credits of an applied project to serve as their culminating experience.
This allows for additional applied projects for those who want to apply their studies to varying experiences.

Admission Requirements:
Applicants must fulfill and complete all requirements in order for their application to be reviewed. Applicants that submit an incomplete application or do not provide all of the required documents will not be reviewed by the admissions committee.

In addition to the MSLB application, applicants are required to submit the following documents:
   • official transcripts or unofficial transcripts
   • resume (fewer than 3 pages)
   • personal statement; a minimum of 1,250 words is required
   • two professional letters of recommendation

Additional application requirements may be requested. For updates on these items, students may visit the ASU Law website:
https://law.asu.edu/admission/mslb (https://law.asu.edu/admission/mslb).

Applications are reviewed on a rolling admissions basis. Once an application has been reviewed, an applicant may be selected for an interview based on the qualifications of the application.

A minimum of a bachelor's degree from a regionally accredited four-year college or university in the United States or a comparable degree from a foreign institution is required.

Admissions into the sports law and business program is only offered for the Fall semester. Applicants do not have the option to apply for Spring or Summer semester start date.

International Student Application Information
An applicant whose native language is not English must provide proof of English proficiency as indicated by acceptable scores regardless of current residency. Applicants should have a TOEFL score more than 600 (paper), 250 (computer), or 100 (internet). Exceptional candidates with relevant experience and background who have scores of at least 590 (paper), 243 (computer) or 96 (internet) also are considered. ASU's institutional code is 4007. This proof of English proficiency is required for international students and must be included in the documents required for the MSLB application.

Applicants who have received undergraduate or graduate degrees from foreign institutions must have their transcripts evaluated by World Education Services, and WES must send that evaluation to the offices of the Sandra Day O'Connor College of Law. Evaluation of international transcripts must be reviewed and included in the application.

Additional Application Information

Transcripts

Official transcripts from all postsecondary institutions of higher education attended must be submitted to mslbasu@asu.edu (mailto:mslbasu@asu.edu) or mailed to the ASU Law Admission Office. An official transcript is a transcript certified by the issuing school and sent directly to ASU or delivered to ASU in a sealed envelope with a seal intact.

Character and Fitness

If an applicant answers Yes to any of the questions in this section, a separate statement or electronic attachment providing a complete description of the actions and full details of the charges and sanctions against the applicant must be included. The applicant also must include any charges that have been expunged, sealed or set aside, even if told by a judge or attorney it is not necessary to include. Additionally, the applicant should provide a personal account of the events that led to the charges or discipline. Failure to include this information results in an incomplete application. Incomplete applications will not be reviewed by the admission committee.

Admission to the Master of Sports Law and Business program is very competitive. Selection is based on a variety of factors, including academic background, experience and background in the sports industry, personal statement and goals, and other factors determined through the application process.

Career Opportunities:

Graduates are equipped to understand the sports market and the regulatory forces at play in the U.S. and globally.

Phoenix is a destination for the next generation of sports professionals, boasting opportunities for working, learning and networking in every major industry in American sports.

ASU Law's Master of Sports Law and Business program prepares graduates for a career in the sports industry at the highest levels and is geared toward those who want to master legal principles that impact sports organizations such as the NBA, NFL, NCAA, MLB or PGA.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/mslb
BCLS 420
MSLBASU@asu.edu
480-965-1474

Trial Advocacy (Certificate), Certificate (LWTAGRCT)

Online Degree Search Title: Trial Advocacy (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:

The graduate certificate program in trial advocacy provides students interested in pursuing a career in criminal prosecution, criminal defense or civil litigation with a prescribed course of study to help prepare them for practice.

Degree Requirements:

Required Core (6 credit hours)
LAW 602 Civil Procedure II (3) or LAW 604 Criminal Procedure (3)
LAW 605 Evidence (3)

Alternative Dispute Resolution Requirement (2 credit hours)

Litigation Requirement (3 credit hours)

Electives (4 credit hours)

Other requirements
practical experience in client representation

Additional Curriculum Information
To earn the certificate, a student must take classes in courtroom practice and procedure as well as alternative dispute resolution, participate in experiential learning either through simulation-based instruction in litigation and courtroom advocacy or by representing clients in a clinical setting,

and gain additional practical experience through pro bono service, participation in a moot court competition or enrollment in a Rule 38 externship.

Students must complete four credit hours of electives from a selection of over 40 classes.

For the Alternative Dispute Resolution requirement, students must complete a minimum of two credit hours from the Alternative Dispute Resolution requirement course list.

For the Litigation requirements, students must complete a minimum of three credit hours from the Litigation requirement course list.

Students must gain practical experience in client representation by completing one of the following while maintaining continuous enrollment:

- completion of a Rule 38 externship
- pro bono service --- minimum of 50 hours working with an approved legal services organization
- representation of ASU Law in a regional, national or international moot court competition

Additional information on what specific courses can be used to fulfill the certificate requirements can be found on the ASU Law trial advocacy page.

Admission Requirements:
Applicants must fulfill the requirements of the both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants must be existing JD program students who are currently enrolled in coursework and in good academic standing with ASU Law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- trial advocacy certificate application
- graduate application through Law Interactive (applicants should refer to the ASU Law website)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Career Opportunities:
The trial advocacy graduate certificate serves as a credential representing to future employers and clients that a JD student has a demonstrated interest in trial advocacy and a solid foundation in the knowledge and the skills needed to succeed in the field.

Contact Information:
Law, Sandra Day O'Connor College of
College of Law Dean's Office
https://law.asu.edu/focus-areas/trial-advocacy
BCLS 456
asutrialadvocacy@gmail.com
480-965-6413

Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Online Degree Search Title: Tribal Policy, Law, and Government, LLM
Campus: Downtown Phoenix

Program Description:
This LLM program is designed for lawyers and law school graduates who will work on issues related to tribal law and federal Indian law at the professional and academic levels. The Master of Laws program in tribal policy, law, and government can be focused in three areas: Indian gaming; tribal self-governance; or tribal policy, law and government. Core curricular offerings focus on domestic tribal law, federal Indian law and American

institutions of law and government. The program explores the expression of domestic law within contemporary administrative, governmental and judicial institutions.

Home to the nationally known Indian Legal Program, the Sandra Day O'Connor College of Law leads the nation in producing graduates specializing in Indian law. Candidates benefit from the extensive resources committed to the Indian Legal Program, including a director, experienced Native faculty and staff, and an Indian law clinic.

Arizona State University is located in the heart of the southwestern U.S., home to roughly one-third of the native population in the U.S. and where many of the largest Indian nations in the country are located. The university is the academic home for several nationally known scholars researching American Indian issues and houses many unique resources for such scholarship, including the Labriola Collection at Hayden Library.

Degree Requirements:

The program is administered by the Indian Legal Program and is oriented toward students who seek practical experience in tribal law and federal Indian law. It provides intensive instruction to students who graduated from a law school that had few or no courses in Indian law and who now seek to practice in these areas at a professional level. This degree program requires a minimum of 24 credit hours of study. A thesis is not required.

Students immerse themselves in the study of tribal law and federal Indian law and apply the knowledge and experience they gain through the practical component of the degree program which may consist of research projects for tribal courts and governments; state, tribal and federal court practice; and tribal code drafting.

Graduates are well equipped for professional positions that require knowledge and expertise in tribal law and federal Indian law. Students have the option of pursuing the degree on a part-time basis.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and College of Law English proficiency requirements.

Admission to the program is competitive. In order to be admitted, an applicant must have completed a JD degree or law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country and have submitted a complete application to the program.

Selection is based on academic background and potential, career experience and ambitions, diversity of experience and background, space and resource limitations in the law school, and the applicant's strength of experience related to the program sought, as well as other factors.

Applicants are encouraged to apply electronically through the Law School Admission Council website: https://www.lsac.org (https://www.lsac.org). For an application to be considered complete, it must include the following:
- the completed LLM application form
- the required application fee
- a resume that does not exceed three typed pages
- a statement of interest that does not exceed 1,250 words, typed and double-spaced
- transcripts from all institutions attended, including the transcript showing that the bachelor's degree and law degree were conferred
- two letters of recommendation
- a writing sample

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and are provided to ASU Law by LSAC.

Students should see the program website for application deadlines.

Career Opportunities:

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 9% between 2020 and 2030. The Master of Laws in tribal policy, law and government program can lead to a number of opportunities in Indian law, at large, helping current lawyers advance in their careers by refining their leadership skills, becoming fluent with advanced terminology, and developing a keen sense of professionalism.

Graduates of the program are prepared for lucrative careers in government, economic development or health care positions that impact Native populations.

Career examples include:
- chief executive officer

- chief legal officer
- court justice
- election director for Native communities
- judge
- law firm administrator
- law firm partner
- law school professor
- litigation support director
- politician or member of congress
- private banker for Native communities

Contact Information:
Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
https://law.asu.edu/degree-programs/llm
BCLS 420
llmasu@asu.edu
480-965-1474

Liberal Arts and Sciences, The College of

Actuarial Science, MS (LAACTMS)
Online Degree Search Title: Actuarial Science, MS
Campus: Tempe

Program Description:
The MS program in actuarial science emphasizes broad awareness and appreciation of current issues faced by insurance industry practitioners as well as innovative resolutions provided by actuaries.

Students advance their knowledge base by applying mathematical and statistical concepts and data analytics to the disciplines of risk management, finance and insurance. It also includes a new focused set of professional learning outcomes aligned with the needs of the ever-evolving insurance industry, while keeping the core technical learning outcomes in place. These guide students' development of professional competencies through coursework, independent projects and opportunities outside of the classroom, while remaining firmly based on a strong foundation of scholarly technical work in actuarial science.

Actuaries must pass a series of intensive professional exams to become credentialed. Program graduates are prepared for the examinations required to become credentialed professionals by the Society of Actuaries or Casualty Actuarial Society and to be competitive employees in the insurance and finance industries.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Actuarial Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including an applied project (ACT 593).

Required Core (6 credit hours)
ACT 560 Advanced Data Analytics in Insurance I (3)
ACT 561 Advanced Data analytics in Insurance II (3)

Electives or Research (21 credit hours)

Culminating Experience (3 credit hours)
ACT 593 Applied Project (3)

Additional Curriculum Information

For electives and research, students select seven courses from an approved list. Students should see the academic unit for the approved course list. Other courses may be used with approval of the academic unit.

Only six credit hours of 400-level coursework is allowed on the plan of study per Graduate College policy.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field such as mathematics, statistics, business, economics and predictive analytics.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • letter of intent or written statement
  • two letters of recommendation
  • professional resume
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should have completed the following courses with a "B" or better (scale is 4.00 = "A"). ASU equivalents are given in parenthesis. Courses may be substituted with approval of the academic unit:
Linear Algebra (MAT 342 or MAT 343)
Calculus Sequence 1-3 (MAT 270, 271, and MAT 272)
Applied Statistics (STP 420)
Upper-division Probability (ACT 415 or STP 421)

Career Opportunities:

Risk is a part of daily life, and wherever there is risk there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health and to ensure organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants.

Graduates possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

  • colleges and universities
  • consulting firms
  • energy, such as utilities, oil and gas
  • environment (on issues such as climate change and the financial impact or risk of extreme events)
  • financial services, such as banking and investment management
  • government agencies such as Social Security, the Department of Labor and Medicare (to manage social programs and to develop regulations and legislation)
  • insurance companies
  • retirement and pensions
  • transportation, such as shipping and air travel

Graduates can also apply the advanced problem-solving skills to a variety of other professional careers, including:

  • analysts
  • business operations specialists
  • consultants
  • teachers

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information,

students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/actuarial-science-ms
WXLR A216
grad.math@asu.edu
480-965-3951

Addiction and Substance-Use Related Disorders (certificate), Certificate (LAASRDGRCT)

Online Degree Search Title: Addiction and Substance-Use Related Disorders (Graduate Certificate)
Campus: Online

Program Description:
Addiction and substance abuse is one of America's top public health problems, and there is a growing need for well-trained addictions counselors.

The graduate certificate in addiction and substance-use related disorders pairs state-of-the-art research by internationally recognized experts in addictions with clinical expertise of licensed psychologists and licensed substance abuse counselors who have decades of experience providing substance abuse treatment.

This program is valuable for those in counseling, social work, psychology, medicine and various fields of therapy who provide services to individuals and families suffering from addiction and substance use disorders.

The addiction certificate meets all the curricular requirements of the Arizona State Board of Behavioral Health Examiners for licensure in substance abuse counseling as well as most national and state certification requirements.

Degree Requirements:
21 credit hours.

Required Core (18 credit hours)
PSY 570 Psychopharmacology (3)
PSY 601 Addiction and Substance Abuse: Assessment and Diagnosis (3)
PSY 602 Comorbidity in Substance Use Related Problems (3)
PSY 603 Evidence-Based Interventions for Substance Use Related Problems (3)
PSY 604 Multicultural Issues Related to Substance Use Related Problems (3)
PSY 605 Group Therapy for Substance Use-Related Problems (3)

Other Requirements (3)
PSY 591 Topic: Ethics (3)

Additional Curriculum Information
This graduate certificate meets all seven of the core content curricular requirements for the Arizona State Board of Behavioral Health Examiners, for students interested in pursuing licensure in substance abuse counseling. In addition, the course is in compliance with national certification curriculum guidelines.

PSY 591 can be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health, behavioral health or counseling-related field, from a regionally accredited institution or an equivalent degree from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee

- official transcripts
- curriculum vitae or resume
- one letter or recommendation
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/addiction-and-substance-use-related-disorders-graduate/)

Career Opportunities:

Substance abuse counselor jobs can be incredibly rewarding and offer a wide variety of experiences. Jobs are available in substance abuse treatment centers; community mental health agencies; the primary care, integrated health and criminal justice fields; hospitals; schools and universities; and military and veteran's affairs. The U.S. Bureau of Labor Statistics expects employment of substance abuse counselors to grow 22% between 2018 and 2028, much faster than other occupations. Job prospects are expected to be very good for counselors who are licensed.

Career examples include:

- addiction counselor
- licensed addiction counselor
- licensed substance abuse counselor
- substance abuse counselor
- substance abuse technician

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.clas.asu.edu/
PSY 201
addictioncert@asu.edu
480-727-4561

Addiction Psychology, MS (LAADPSYMS)

Online Degree Search Title: Addiction Psychology, MS
Campus: Tempe, Online

Program Description:

The MS program in addiction psychology pairs state-of-the-art research from internationally recognized experts in addictions with clinical expertise from licensed psychologists and licensed addiction counselors who have decades of experience providing addiction treatment. This program meets the educational requirements necessary to pursue subsequent licensure as an addiction counselor.

Degree Requirements:

45 credit hours including the required applied project course (PSY 593).

Required Core (27 credit hours)
PSY 570 Psychopharmacology (3)
PSY 601 Addiction and Substance Abuse: Assessment and Diagnosis (3)
PSY 602 Comorbidity in Substance Use Related Problems (3)
PSY 603 Evidence-based Interventions for Substance Use Related Problems (3)
PSY 604 Multicultural Issues Related to Substance Use Related Problems (3)

PSY 605 Group Therapy for Substance Use-Related Problems (3)
PSY 606 Case Management for Substance Use Related Problems (3)
PSY 607 Family and Adolescent Treatment for Substance Use Related Problems (3)
PSY 608 Supervision of Addictions Counselors (3)

Research (3 credit hours)
PSY 600 Research Methods (3)

Other Requirements (9 credit hours)
PSY 591 Seminar: Ethics (3)
PSY 680 Practicum (6)

Culminating Experience (6 credit hours)
PSY 593 Applied Project (6)

Additional Curriculum Information
Students complete six credit hours of practicum, which consists of 600 hours of applied work as an addiction counselor under supervision of licensed substance abuse counselors. With support from program advisors, students arrange for a supervision experience at a licensed addiction treatment center where they are located that will provide supervision as part of the training experience. Program staff will verify the licensure status of the agency and supervisor and maintain a practicum training agreement. The practicum course also includes a weekly didactic class that facilitates the training process and monitors for any problems and successful completion of the practicum experience.

The culminating experience is a six credit hour applied project. For the applied project, students evaluate existing research on addiction treatment, identify gaps in the literature, and generate a study or recommendations that contribute to the field of addiction psychology. The applied project course also includes completion of a practice licensing exam that helps prepare students to obtain state licensure as an addiction counselor.

Completion of the Master of Science program in addiction psychology does not result in licensure as an addictions counselor. Pursuit of state licensure is a part of career development and occurs subsequent to completion of a terminal degree. State governments administer licensing, and have several requirements, including educational and training requirements (which this program meets), supervised work experience (as a part of employment after completion of the degree), and passing a licensing exam that is administered through the state licensing entity (this program prepares students for this licensing exam, but the exam is taken after completion of the degree).

Courses listed for other requirements may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health, behavioral health, psychology, counseling or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • professional resume
  • two letters of recommendation
  • written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/addiction-psychology-masters/)

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure

(https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
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addictionms@asu.edu
480727.4561

African Studies (certificate), Certificate (LAAFRICACE)
Online Degree Search Title: African Studies (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in African studies focuses on interdisciplinary study of the peoples, history and cultures of Africa and the multifaceted experiences of people of African descent in Europe and the Americas. Students gain access to an extensive range of information and systematic knowledge committed to the new model of African and African diaspora studies that focuses on the intersections of race, culture and gender with transdisciplinary perspectives.

Courses examine interdisciplinary approaches to studying race, ethnicity, social justice, gender, citizenship and economic development. Students study issues in African and African American history, migration patterns, art, literature, religion, family life and education, as well as how race and institutional racism have impacted the development of African descended people in America and around the world.

As this certificate program offers students an international dimension to the study of peoples and cultures of African descent, students enhance their knowledge about global issues and further expand their research pursuits. The program characterizes the faculty members' intellectual and research strengths and the curriculum's transdisciplinary strategies and research approaches that highlight the continuities and disjuncture of history and experiences throughout Africa and the diaspora.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
AFR 502 Africa and African Diaspora World (3)

Electives (12 credit hours)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Students who are not regularly admitted to a graduate degree program may still pursue the certificate.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program. When applicable, applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in a master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Official copies of transcripts must be submitted from all college and universities where the applicant earned a bachelor's or master's degree.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Employ appropriate theory and methods in the study of the African Diaspora at a graduate level.
- Apply knowledge of the African Diaspora

Career Opportunities:

Students who earn a graduate certificate in African studies have many career opportunities, including being able to:

- attend graduate school in any number of disciplines, including anthropology, archeology, history, political science, psychology and sociology
- attend medical school or law school
- pursue a career in journalism, teaching, law enforcement, social policy, human rights or civil rights
- start their own business
- write novels or screen plays

Contact Information:

Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

American Indian Studies (Cultural Resource Revitalization and Sustainability), MS (LAAISCMS)

Online Degree Search Title: American Indian Studies (Cultural Resource Revitalization and Sust), MS
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MS program in American Indian studies is a transdisciplinary program that results in students having an intellectual and practical understanding of the issues facing American Indian populations and the ability to apply that knowledge.

Students acquire problem-solving skills useful in a range of professional arenas, including government, private and nonprofit agencies. The focus of this curriculum is on languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies paradigm perspective. Delivery is mainly through in-person courses.

The cultural resource revitalization and sustainability concentration explores the development and implementation of American Indian-focused cultural resource management processes and analyzes how policies and laws can improve or hinder the protection of American Indian cultural and funerary patrimony.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 502 American Indian Studies Research Methods (3)
AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty

advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial level position within an organization or agency.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice study, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency) for more information.

Career Opportunities:
After leaving ASU, many graduates:
- conduct research related to indigenous culture revitalization
- direct or manage Indigenous culture organizations or companies
- facilitate indigenous community partnerships and projects

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
https://americanindian.asu.edu/
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aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Indigenous Rights and Social Justice), MS (LAAISIMS)

Online Degree Search Title: American Indian Studies (Indigenous Rights and Social Justice), MS
Campus: Tempe

Program Description:
The MS in American Indian studies is a transdisciplinary program that provides students with an intellectual and practical understanding of the issues facing American Indian populations and helps students strengthen their ability to apply that knowledge. Students acquire problem-solving skills in a range of professional arenas, including governmental, private and nonprofit agencies.

The program focuses on languages, cultures, the arts, activism, histories, legal policies and education from an American Indian studies paradigm and perspective. Delivery is through in-person courses.

The Indigenous rights and social justice concentration explores the historical dimensions of colonization on American Indian political, economic and cultural institutions. Students analyze the legal, political and social implications of American Indian relationships with federal, state and local governments and investigate processes that American Indian nations and community members use to strategize and work toward social justice and Indigenous rights.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Indian Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 502 American Indian Studies Research Methods (3)
AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial level position within an organization or agency.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency) for more information.

Career Opportunities:
After leaving ASU, many graduates:

  • conduct academic research related to social justice and Indigenous rights
  • direct or manage Indigenous companies, organizations or nonprofits
  • facilitate Indigenous partnerships and projects
  • work within Native tribes to analyze social justice and Indigenous rights

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
https://americanindian.asu.edu/degrees/grad

DISCVRY 356
aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Tribal Leadership and Governance), MS (LAAISTMS)

Online Degree Search Title: American Indian Studies (Tribal Leadership and Governance), MS
Campus: Tempe

Program Description:
The MS in American Indian studies is a transdisciplinary program that provides students with an intellectual and practical understanding of the issues facing American Indian populations and helps students strengthen their ability to apply that knowledge. Students acquire problem-solving skills useful in a range of professional arenas, including governmental, private and nonprofit agencies.

The program focuses on languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies paradigm and perspective. Delivery is through in-person courses.

The tribal leadership and governance concentration explores traditional and modern concepts of Indian education leadership, tribal government leadership, tribal governments, decision-making and legislation, constitutional reform, planning, economic development, community development, nation rebuilding, tribal courts, administration and planning.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Public Administration, MPA

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    American Indian Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 502 American Indian Studies Research Methods (3)
AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial level position within an organization or agency.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency) for more information.

Career Opportunities:
After leaving ASU, many graduates:

• conduct academic research
• participate in tribal leadership and government
• direct or manage performing Indigenous companies or Native-related organizations
• facilitate Indigenous community partnerships and projects

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
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American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)

Online Degree Search Title: American Indian Studies (Visual and Oral Culture), MS
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The MS program in American Indian studies is a transdisciplinary program that results in students having an intellectual and practical understanding of the issues facing American Indian populations and the ability to apply that knowledge.

Students gain problem-solving skills in a range of professional arenas, including governmental, private and nonprofit agencies. The program focuses on the languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies perspective. Delivery is through in-person courses.

The visual and oral culture concentration explores and contributes to American Indian culture and history as it exists in visual, material and written forms through creative writing, literature, poetry, film, photography, performing arts, digital arts, oral tradition, history and communication from an American Indian studies paradigm.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 502 American Indian Studies Research Methods (3)
AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
For concentration and electives options, students should see the academic unit for approved courses.

Students select a thesis or nonthesis option. Both are research projects, but the applied project is more applied in nature. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete a practicum project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial-level position within an organization or agency.

The required core classes emphasize the knowledge and skills all graduates must have. Concentrations and electives are designed so students can concentrate in the areas of visual and oral culture, Indigenous rights and social justice, cultural resource revitalization, and sustainability or tribal leadership and governance.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should visit https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency) for more information.

Career Opportunities:
After leaving ASU, many graduates:

• conduct academic research
• curate and produce Indigenous festivals and events
• direct or manage Indigenous art companies, studios or dance-related organizations
• facilitate community partnerships and projects with Indigenous communities

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
https://americanindian.asu.edu/
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aisgradadvising@asu.edu
480-965-3634

American Studies, MA (LAAMSTMA)
Online Degree Search Title: American Studies, MA
Campus: Tempe

Program Description:
ASU's MA program in American studies trains students in interdisciplinary approaches aimed at understanding the American experience in local and global contexts.

The array of disciplines spans the arts, humanities and social sciences, and faculty expertise covers a broad range of ethnographic, historical, literary and media studies as well as interdisciplinary and community-based approaches. Given its geographical location in the American Southwest, ASU's American studies program values an exploration of diasporic and transnational influences in U.S. cultures and social and political history.

The American studies faculty have strengths and expertise in the areas of critical ethnic studies, Indigenous studies, gender studies, Black studies, immigration studies, justice studies, disability studies, queer studies, Latino studies, transborder studies, Asian American studies, cultural studies, environmental humanities and sports studies, allowing students to focus their education around these areas.

Students gain expertise from working in a community of scholars dedicated to addressing critical questions of what America means, what American studies uncovers, and how to expand the boundaries of the new American conversation. Graduate students are immersed in conversations of how one develops, conducts and engages in research on the American experience in academia and beyond. Additionally, faculty and students include the role of other nations, cultures and communities in their study of the meaning of America and critically evaluate the United States in global matters.

American studies graduates can bridge a strong theoretical foundation with applied research to better equip them to enter national and international dialogues.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Asian Pacific American Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (AMS 593).

Required Core (3 credit hours)
AMS 502 American Studies: Theory and Method (3)

Other Requirements (3 credit hours)
Methods Course (3)

Electives or Research (18 or 21 credit hours)

Culminating Experience (3 or 6 credit hours)
AMS 593 Applied Project (3) or
AMS 599 Thesis (6)

Additional Curriculum Information
Students must complete one methods course for the degree with academic advisor approval; AMS 502 cannot be used to meet this requirement. These courses can be drawn from a wide array of units across the various campuses of Arizona State University, but students should take advantage of the SST graduate methods courses. The academic unit will send lists of SST methods courses once per semester; students should consult with their faculty advisor/chairperson and get approval from the graduate chairperson in American Studies to determine the best classes.

For electives or research, students should see the academic unit for the approved course list. Students choose 18 credit hours for the thesis option or 21 for the applied project option.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- writing sample
- curriculum vitae
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL score of at least 600 (PBT) or 90 (iBT).

The writing sample may be an article, published or unpublished; a research paper; a seminar paper; or any other extended sample of expository skill. A minimum of 4,000 to 5,000 words is required. The document should not be password protected.

The statement of purpose should be addressed to the American Studies Graduate Studies Committee. It must explain the applicant's scholarly background and training, career goals, the area of study the applicant wishes to pursue, and why the applicant wants to pursue graduate study at ASU. It must be about 500 words in length.

Two references are required. Applicants should contact faculty or professional supervisors they intend to use for references prior to listing them on the application and inform the intended recommenders that they will be receiving an email from the ASU American studies program asking them to complete a questionnaire and provide comments on the applicant's suitability for graduate study. Updated email addresses for references should be confirmed before submitting them on the application. References from family members or relations are not recommended.

Career Opportunities:

Graduates may go on to law school, graduate school or other professional degree programs. Graduates of the Master of Arts program in American studies find success in a number of areas, in local and international contexts, including the following:

- business
- communications
- education
- government positions
- journalism
- law and medical fields
- nonprofits
- political consulting
- professional writing
- public engagement and community relations

Contact Information:

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Animal Behavior, PHD (LAANBPHD)

Online Degree Search Title: Animal Behavior, PhD
Campus: Tempe

Program Description:

The PhD program in animal behavior is a transdisciplinary graduate degree program that provides doctoral-level training in mechanistic and functional approaches to understanding behavior in a variety of animal taxa.

The study of behavior is at the interface of several scientific disciplines, including physiology, anatomy, neuroscience, ecology and evolution. This program offers the diverse but specialized array of skills and knowledge needed to produce excellent research in animal behavior.

Students gain knowledge and skills with applied scientific value in areas such as veterinary science and mental and behavioral health in humans. The ecological focus of the program feeds into local, state and global priorities in biological conservation and ecosystem sustainability.

Degree Requirements:
84 credit hours, a oral and written exam, a prospectus and a dissertation.

Required Core (8 credit hours)
ANB 601 Research Strategies in Animal Behavior (4)
ANB 602 Current Issues in Animal Behavior (4)

Electives or Research (64 credit hours)
The department and the student's advisor determine these courses in conjunction with the student.

Culminating Experience (12 credit hours)
dissertation (12)

Additional Curriculum Information
Core courses ANB 601 and ANB 602 are one credit hour courses, each taken four times.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related discipline, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
  • graduate admissions application and application fee
  • official transcripts
  • academic record form
  • personal statement
  • curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
A doctorate in animal behavior provides strong preparation for academic careers at every level, from community colleges to research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for wildlife management and conservation and for conservation-related careers in nongovernmental organizations.

Career examples include:

  • animal scientist
  • biology professor
  • conservation biologist
  • postsecondary biology teacher
  • wildlife biologist

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/animal-behavior-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Anthropology, PHD (LAANTHRPHD)

Online Degree Search Title: Anthropology, PhD
Campus: Tempe

Program Description:
The School of Human Evolution and Social Change is an excellent choice for students interested in pursuing a PhD in the classic fields of anthropology:

- archaeology
- bioarchaeology
- evolutionary anthropology
- sociocultural anthropology

It is also an ideal environment for students who want to combine these approaches and other disciplines to explore specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study in order to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines, including:

- applied mathematics
- chemistry
- environmental economics
- epidemiology
- formal modeling
- genetics
- sociology
- sustainability
- technology and society
- urban planning

The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but also to finding solutions to humankind's greatest challenges. This program provides training in data analysis and research design within the context of human evolution, archaeology and the wider field of anthropology. Through anthropological coursework, students learn how to ask important questions about the human species and employ statistics to analyze and extract meaning from data. Students will learn to appreciate humanity's place in nature and the long history of human societal change.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hours required for the doctorate. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain a GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Applicants also may submit with their application materials an optional scholarly writing sample not to exceed 30 double-spaced pages.

Career Opportunities:
The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/anthropology-phd
SHESC 233
shesc.grad@asu.edu
480-965-6215

Anthropology (Complex Adaptive Systems Science), PHD (LAANTHCPHD)

Online Degree Search Title: Anthropology (Complex Adaptive Systems Science), PhD
Campus: Tempe

Program Description:
The School of Human Evolution and Social Change is an excellent choice for students wanting to pursue a PhD in the classic fields of anthropology: archaeology, bioarcheology, evolutionary anthropology and sociocultural anthropology.

It is also an ideal environment for students who want to combine these approaches and other disciplines to explore specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines; these include applied mathematics, chemistry, environmental economics, epidemiology, formal modeling, genetics, sociology, sustainability, technology and society, and urban planning.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but to finding solutions to humankind's greatest challenges.

This degree program provides training in data analysis and research design within the context of human evolution, archaeology and the wider field of anthropology. In this program, through anthropological coursework, students learn how to ask important questions about the human species and employ statistics to analyze and extract meaning from data. Students learn to appreciate their place in nature and the long history of human societal change that brought them to where they are today.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate degree program. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctoral degree program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in complex adaptive systems science, 12 credit hours are selected from an approved list of applicable courses related to complexity.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study and they typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Career Opportunities:
The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change

Anthropology (Urbanism), PHD (LAURBPHD)

Online Degree Search Title: Anthropology (Urbanism), PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The School of Human Evolution and Social Change is an excellent choice for students wanting to pursue a PhD in the classic fields of anthropology:

- archaeology
- bioarcheology
- evolutionary anthropology
- sociocultural anthropology

It is also an ideal environment for students who want to combine these approaches and other disciplines when exploring specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines, including:

- applied mathematics
- chemistry
- environmental
- economics
- epidemiology
- formal modeling
- genetics
- sociology
- sustainability
- technology and society
- urban planning

The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but to finding solutions to humankind's greatest challenges. The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

This degree program provides training in data analysis and research design within the context of human evolution, archaeology and the wider field of anthropology. In this program, through anthropological coursework, students learn how to ask important questions about the human species and employ statistics to analyze and extract meaning from data. Students learn to appreciate their place in nature and the long history of human societal change that brought them to where they are today.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate. This leaves 30 credit hours of coursework, 12 hours of research credit and 12 hours of dissertation credit (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in urbanism, 15 credit hours are selected from an approved list of applicable courses related to urbanism. These courses include the core urbanism course, GCU 516, as well as one course from each of the four urbanism clusters. These clusters are:

- built form
- culture and society
- institutions and governance
- natural environment

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission, but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Applicants may include with their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Career Opportunities:
The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/
SHESC 233
shesc.grad@asu.edu
480-965-6215

Applied Behavior Analysis, MS (LAAPBAMS)

Online Degree Search Title: Applied Behavior Analysis, MS
Campus: Tempe

Program Description:
Offered by the Department of Psychology, this MS program in applied behavior analysis is a full-time, scientifically based, two-year program that

meets the Behavior Analyst Certification Board® fifth-edition task list for coursework with 345 classroom hours and 2,000 hours of supervised practicum fieldwork.

Successful graduates are able to sit for BACB® certification and once certified, are eligible for state-licensure. The program's learning outcomes include mastery across three major areas as identified by the certification board: basic behavior-analytic skills, client-centered responsibilities and foundational knowledge.

Applied behavior analysis training in the Department of Psychology at ASU includes supervised experience and instruction in:

• behavior analytic attitudes such as determinism, empiricism and parsimony
• fundamental elements of behavior change and behavior change procedures
• identification, assessments and interventions for behavioral excesses, deficiencies and challenging behavior
• professional ethics and conduct of applied behavior analysis
• training others in the science and practice of applied behavior analysis
• use of different behavioral measurement types and systems
• use of experimental designs to determine relationships among and between measurement, relevant variables and behavior

Degree Requirements:
42 credit hours including the required applied project course (PSB 593).

Required Core (24 credit hours)
PSB 501 Basic Principles of Applied Behavior Analysis (3)
PSB 510 Basic Principles of Experimental Analysis of Behavior (2)
PSB 511 Advanced Research Methods (2)
PSB 520 Ethical Issues and Professional Standards in Applied Behavior Analysis (3)
PSB 530 Behavioral Observation and Functional Assessment (3)
PSB 540 Development of Applied Behavioral Intervention Programs (3)
PSB 563 Basic Principles of Organizational Behavior Management (2)
PSB 573 Advanced Principles of Learning and Analysis of Behavior (3)
PSB 578 Applied Behavior Analysis in Developmental Disorders (3)

Electives or Research (4 credit hours)
PSB 591 Seminar (2)
PSB 598 Special Topics (2)

Other Requirements (9 credit hours)
PSB 580 Practicum: Applied Behavior Analysis (5)
PSB 583 Fieldwork: Applied Behavior Analysis (4)

Culminating Experience (5 credit hours)
PSB 593 Applied Project (5)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in psychology, human development, sociology or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose form
• curriculum vitae or resume
• GRE scores
• SlideRoom application
• two letters of recommendation
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The application is completed online through ASU's Graduate Admission Services website. Applicants should upload their unofficial transcripts to the application before submitting.

Applicants also upload supporting documents, including reference contact information, into a system called SlideRoom. Complete details are located on the department's website.

It is strongly recommended that applicants download and print the Master of Science in applied behavioral analysis admission checklist from the Department of Psychology website to ensure completion of the application process and inclusion of all the required supplemental forms.

The statement of purpose form should describe professional and academic aspirations.

Applicants must submit two letters of recommendation from professionals or faculty who can speak to the applicant's abilities.

Career Opportunities:
Graduates are positioned to be highly sought after in the human services sector. With an evidence-based practice orientation, Board Certified Behavior Analysts® are charged with assessment of socially significant behaviors and developing interventions to promote adaptive, flexible behavior and provide alternative responses to challenging behavior. The domains into which graduates of the program go are vast. Below is a list of some potential careers:

- assistant clinical director
- behavior specialist
- Board Certified Behavior Analyst®
- clinical director

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/degree/graduate/ms-applied-behavior-analysis
PSY 243
msabapsych@asu.edu
480-727-4561

Applied Linguistics, PHD (EDAPLPHD)
Online Degree Search Title: Applied Linguistics, PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
Applied linguistics combines research topics in the linguistics sciences and education to pursue principled approaches to language-related concerns. The PhD program in applied linguistics is focused on simultaneous and developmental bilingualism in children and adolescents.

Faculty participate in the program from within multiple curricular units across the institution's four campuses. The program encourages transdisciplinary study, and its flexible requirements enable students to pursue those aspects of the disciplines that interest them the most. The program prepares students for entrance into the field as teachers, scholars and professionals.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Foundation Coursework (18 credit hours)
Overview of the Field: A three-credit course providing a survey of the field of applied linguistics is required. (3)
Linguistics: Coursework in theoretical linguistics, including one approved linguistics elective, is required. (15)

Teaching Internship (1 credit hour)

Colloquia (8 credit hours)
A four-semester sequence of two-credit colloquium meetings is required for students in the first two years.

Research Methods (6 credit hours)
Students must take two courses in research methods, selected in consultation with the advisor.

Research Specialization (33 credit hours)
In consultation with the program director, students take 11 three-credit courses in their field of specialization.

Breadth (6 credit hours)
Two courses in a secondary concentration area are required.

Dissertation (12 credit hours)

Additional Curriculum Information
An oral defense of the dissertation is required.

There must be a minimum of 54 credit hours beyond the master's degree level, including a minimum of 12 units of dissertation credit. All students in the program must satisfy 18 credit hours of foundation coursework.

Because applied linguistics is transdisciplinary in nature, applicants may differ from one another with regard to their prior experience and preparation. For instance, while some applicants may have substantial prior training in core theoretical linguistics (foundations), others may have considerable preparation in an area related to a supported concentration. Students should consult the program director for assistance in planning their degree programs. The program director may address potential redundancies in a student's program requirements with prior academic preparation by allocating a maximum of 30 credit hours from an awarded and approved graduate degree toward the applied linguistics program requirements, or the director may permit the student to take additional elective courses in lieu of introductory courses covered in an undergraduate program.

Language Requirement: Students in the applied linguistics doctoral program must demonstrate proficiency in a second language equivalent to two years of study. A language appropriate to the student's area of interest is selected in consultation with the advisor. The language requirement must be satisfied, by examination or coursework, prior to advancement to candidacy. Computer or other nonhuman languages may not be used to satisfy this requirement. Students for whom English is a second language may use their first language to satisfy the requirement by examination. Course credit used to satisfy the language requirement cannot be used to satisfy other program requirements and cannot be counted toward the total required 84 credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- GRE general test scores
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Contact Information:

Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/node/242
RBHL 125
enggrad@asu.edu
480-965-3194

Applied Mathematics, PHD (LAAPMPHD)

Online Degree Search Title: Applied Mathematics, PhD
Campus: Tempe

Program Description:
This PhD program in applied mathematics is intended for students with superior computational and mathematical modeling ability. It emphasizes a solid mathematical foundation and promotes creative scholarship in an application discipline. The School of Mathematical and Statistical Sciences at Arizona State University has faculty in applied mathematics with outstanding transdisciplinary research programs with strong external funding.

Current research interests include mathematical epidemiology and mathematical ecology, mathematical neuroscience, environmental fluid dynamics and high performance computing, imaging and inverse problems, supply chain dynamics, control and optimization, computational methods for ordinary and partial differential equations, analysis of differential equations, and geophysical and environmental fluid dynamics.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
APM 505 Applied Linear Algebra (3)

Other Requirements (12 credit hours)
APM 501 Differential Equations I (3)
APM 502 Differential Equations II (3)
APM 503 Applied Analysis (3)
APM 504 Applied Probability and Stochastic Processes (3)
APM 506 Computational Methods (3)

Electives and Research (57 credit hours)

Culminating Experience (12 credit hours)
APM 799 Dissertation (12)

Additional Curriculum Information
Students must pass:

- two qualifying examinations
- a written comprehensive examination
- an oral dissertation prospectus defense.

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Electives are to be chosen from math or related area courses approved by the student's supervisory committee.

Students choose four out of the five courses listed for other requirements.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, applied mathematics, economics, engineering or a natural science from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional eligibility requirements include:
- be competitive in an applicant pool as evidenced by coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371)
- have scientific programming skills (desirable)

Career Opportunities:

Foundational knowledge in mathematics is required for building careers in science and technology. It can be applied in many different types of professions in fields like engineering, life sciences, business, and economic and social sciences. These are just a few of the top careers possible with a doctorate in applied mathematics:

- biostatistician
- data scientist
- engineer
- financial analyst
- government and military research
- industrial research
- mathematical modeling expert
- mathematician
- medical researcher
- operations research analyst
- university instructor and faculty

Contact Information:

Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/applied-mathematics-phd
WXLR A216
grad.math@asu.edu
480-965-3951

Applied Mathematics for the Life & Social Sciences, PHD (LAAMLPHD)

Online Degree Search Title: Applied Mathematics for the Life and Social Sciences, PhD
Campus: Tempe

Program Description:

The PhD program in applied mathematics for the life and social sciences focuses on the training needed for analyzing and more definitively answering questions about underlying patterns hidden within human health, behaviors and experiences, and for teaching others to do the same.

Under the transdisciplinary instruction of national experts from five different schools at Arizona State University, program participants learn new applications for tools such as agent-based models, evolutionary computing, geographical information systems, machine learning, multiobjective optimization nonlinear dynamical systems, and stochastic processes. In doing so, they unlock new revelations and categories for not just understanding the material, but also the need for scientists and professionals quantitatively trained in the life and social sciences.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
AML 610 Topics in Applied Mathematics for the Life and Social Sciences (3)
AML 612 Applied Mathematics for the Life and Social Sciences Modeling Seminar (3)

Other Requirements (15 credit hours)
ASM, AML or BIO: courses in evolution, ecology or social sciences (400 level or above) (3)*
one graduate-level course in biostatistics (3)*
one graduate-level School of Mathematical and Statistical Sciences course approved by graduate chair (3)
APM, AML, MAT 590 or 790 Reading and Conference (6)

*Substitution courses may be acceptable with approval of director.

Electives (39 credit hours)
See the Additional Curriculum Information section below.

Research (12 credit hours)
AML 592 or 792 Research (12)

Culminating Experience (12 credit hours)
AML 799 Dissertation (12)

Additional Curriculum Information
Electives must include six credit hours of life science and six credit hours of social sciences.

Once the 15 credit hour requirement in the Other Requirements section has been fulfilled, other courses from that category may be taken as electives.

Students must register for research credit (AML 592 or 792) supported by their participation in one of two summer programs, Mathematical and Theoretical Biology Institute or J. Bustoz Math-Science Honors Program, sponsored by the Simon A. Levin Mathematical, Computational and Modeling Sciences Center. Up to three credit hours of research per summer may be applied based on hours and level of participation with approval from the graduate chair and the summer program director.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives to reach the required 84 credit hours.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. A master's degree in the social sciences (e.g., anthropology, gender studies, geography, sociology), life sciences or related fields (e.g., biology, ecology, genomics), applied mathematics, mathematics or statistics is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement outlining educational and professional goals
  • current curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 30 double-spaced pages, to be included in their application materials.

Prior to admission, students should have completed, at the undergraduate junior or senior level, a minimum of the following:

  • 15 credit hours of mathematics or statistics
  • nine credit hours of life sciences and social sciences coursework at the senior or college graduate level
  • no fewer than three credit hours each of life sciences and social sciences coursework

Career Opportunities:
The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This degree's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals.

Graduates are prepared to enter the environmental, life, health, mathematical and social science fields. They possess the quantitative, scientific and analytical skills that are critical for professionals working in these areas.

This program creates entirely new opportunities, while building upon mathematical foundations and in-demand career paths long established in fields such as:

- bioinformatics
- computational sciences
- data mining
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/applied-mathematics-life-and-social-sciences-phd
SHESC 233
shesc.grad@asu.edu
480-965-6215

Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science), PHD (LAAMLCPHD)

Online Degree Search Title: Applied Math for the Life and Social Sciences (Complex Adaptive Sys Science), PhD
Campus: Tempe

Program Description:
The PhD program in applied mathematics for the life and social sciences focuses on training researchers to analyze scientific questions at the intersection of the mathematical, life and social sciences. Graduates of the program make innovative and far-reaching scientific contributions that rely on the cutting-edge computational mathematical and modeling approaches.

This program focuses on producing quantitative scientists and applied mathematicians who conduct high-level transdisciplinary research. The program's faculty include mathematicians, statisticians, theoretical biologists and social scientists from five different schools at Arizona State University.

There is a high demand for first-rate scientists, researchers and faculty interested in meeting the challenges faced by communities in the 21st century. Institutional research and planning programs create space and opportunity to address such challenges on a global scale. The health, environmental and natural resource challenges in Arizona and the nation are urgently in need of a large pool of researchers with these transdisciplinary skills.

There are three tracks a student can follow. Applied mathematics is a more in-depth focus on the tools applied to the life and social sciences, such as dynamical systems, computational and numerical methods, simulation and mathematical analysis. Life sciences focuses on understanding the tools for representing the structure and operation of complex biological and ecological processes. Social sciences focuses on understanding the tools for representing the structure and operation of complex social systems and processes.

By offering courses that enhance transdisciplinary exchanges and collaboration among the faculty and students interested in addressing questions of social relevance, the program builds upon foundations already established.

The complex adaptive systems science concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive system science at Arizona State University and emphasizes the value of a complex adaptive perspective to give better insight

and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
AML 610 Topics in Applied Mathematics for the Life and Social Sciences (3)
AML 612 Applied Mathematics for the Life and Social Sciences Modeling Seminar (3)

Concentration Courses (6 credit hours)
ASM 570 Fundamentals of CAS Science (3) or BIO 570 Fundamentals of CAS Science (3)
Complex Adaptive Systems Science approaches class (3)

Restricted Electives (12 credit hours)
biostatistics course (3)
numerical analysis course (3)
life sciences and social sciences (6)

Electives (36 credit hours)

Research (12 credit hours)
AML 592/792 Research (12)

Culminating Experience (12 credit hours)
AML 799 Dissertation (12)

Additional Curriculum Information
Students should see the academic unit for a complete list of complex adaptive systems sciences approaches courses required for the concentration.

For required research, other XXX 592/792 Research courses may be substituted with academic unit approval.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Students entering the program without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on in the later stage of the doctoral program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. A master's degree in the social sciences (e.g., anthropology, sociology, gender studies or geography), life sciences or related fields (e.g., biology, genomics or ecology), applied mathematics, mathematics or statistics is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement outlining educational and professional goals
  • current curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 30 double-spaced pages, to be included in their application materials.

Prior to admission, students should have completed at the undergraduate junior or senior level a minimum of the following:
- 15 credit hours of mathematics or statistics
- nine credit hours of life sciences and social sciences coursework at the senior or college graduate level
- no fewer than three credit hours each of life sciences and social sciences coursework

Career Opportunities:

The degree program in applied mathematics for the life and social sciences prepares students to enter the environmental, life, health, mathematical and social science fields. Graduates of the program possess the quantitative, scientific and analytical skills that are critical for professionals working in these areas.

The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This degree's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals in industries including:

- bioinformatics
- computational sciences
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science fields

Contact Information:

Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/applied-mathematics-life-and-social-sciences-phd/cass
SHESC 233
shesc.grad@asu.edu
480-965-6215

Applied Prevention Science (Certificate), Certificate (LAAPSGRCT)

Online Degree Search Title: Applied Prevention Science (Graduate Certificate)
Campus:

ASU is not currently accepting applications for this program.

Program Description:

This graduate certificate program provides foundational and theoretical knowledge necessary for employment in the field of mental illness prevention and health promotion.

The program offers five courses totaling 15 credits. Training is self-directed with one-on-one feedback from faculty. Specific training areas and assignments are highly relevant to job demands, including community-based program evaluation, evidence-based psychosocial interventions, prevention ethics including in diverse settings and with diverse populations, and community psychology, advocacy, and funding seeking for prevention programming initiations and sustainment.

Degree Requirements:

15 credit hours.

Required Core (15 credit hours)
PSY 563 Prevention Planning and Evaluation in Service Settings (3)
PSY 564 Prevention Education, Communication and Service Delivery (3)
PSY 567 Prevention Organization and Community Change (3)
PSY 569 Professional Ethics, Growth and Responsibility in Prevention (3)
PSY 678 Preventive Psychosocial Interventions that Work (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or in any health, mental health, or counseling-related field, from a regionally accredited institution, or an equivalent degree from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa need first to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/applied-prevention-science-graduate-certificate/)

Career Opportunities:

The certificate program in applied prevention science is valuable for those aspiring to work in fields that provide services to children and families in diverse settings such as schools, courts, community health centers and mental health agencies, child welfare, home visiting programs, foster care services and tribal behavioral health.

Career examples include:

- behavioral health specialist
- community and social service specialists
- community health worker
- prevention specialist

Contact Information:

Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/
PSY 162
prevention@asu.edu
480-727-7082

Asian Languages and Civilizations (Chinese), MA (LACHINAMA)

Online Degree Search Title: Asian Languages/Civilizations (Chinese), MA
Campus: Tempe

Program Description:

The Chinese graduate program in the School of International Letters and Cultures offers an MA degree program with a focus in one of two areas: culture (literature, linguistics, religion) or pedagogy.

The two areas of instruction are designed to prepare students to succeed in Chinese language environments with cultural competence. Each of these two areas also introduce students to the fundamentals of Sinology and East Asian studies, which can prepare them for further scholarly, educational and professional pursuits.

The focus on culture (literature, linguistics, religion) provides disciplinary training that allows students to achieve in-depth command of spoken, aural

and oral Mandarin Chinese as well as written literary Chinese.

The pedagogy focus is intended for students whose major interest is in teaching modern Chinese in K-16 environments. Students are trained in communicative and task-based language teaching approaches embedded within appropriate cultural contexts, as well as developing solid foundations in teaching Chinese literacy, pronunciation and linguistic systems.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (CHI 593).

Required Core (3 credit hours)
CHI 501/JPN 501 Proseminar: East Asian Humanities (3)

Concentration (3 credit hours)
SLC 596 Second Language Methodologies (3)

Electives (15 credit hours)

Other Requirements (3 credit hours)
CHI 598 Topic: History of the Chinese Language (3)

Culminating Experience (6 credit hours)
CHI 593 Applied Project (6) or
CHI 599 Thesis (6)

Additional Curriculum Information
The Master of Arts in Asian languages and civilizations has concentrations in Chinese and Japanese. Students in the Chinese concentration take CHI 501 as required core and students in the Japanese concentration take JPN 501 for core. The course is cross-listed.

Electives are selected in consultation with the program chairperson.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Chinese or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • personal statement
 • writing sample
 • resume
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample should represent the applicant's thinking and writing skills on a topic connected with Chinese culture.

Candidates for the master's degree should present the equivalent of an undergraduate major in Chinese upon entrance to the program. Those who lack this background but show strong potential and meet the Graduate College admission requirements, including those with regard to English proficiency, may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular plan of study for the master's degree.

Career Opportunities:
Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sectors such as governmental, diplomatic and international business career

opportunities.

Career examples include:

- teachers and professors of area, ethnic and cultural studies
- teachers and professors of foreign language and literature
- foreign service
- historians
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers
- state department
- supply chain managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-asian-langcivchinese
DH 318
silc@asu.edu
480-965-6281

Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)

Online Degree Search Title: Asian Languages/Civilizations (Japanese), MA
Campus: Tempe

Program Description:
The Asian languages faculty in the School of International Letters and Cultures offer a graduate program leading to an MA in Asian languages and civilizations with a concentration in Japanese.

ASU's Japanese master's program allows students to pursue their interests in Japanese history, literature and culture through advanced training in modern and classical Japanese, and through in-depth study of specific historical and cultural periods. The training equips students with the skills to do original research in primary sources and with the critical and methodological background to understand their chosen fields. Areas of particular faculty strength include early modern and modern literature; film, animation and popular culture; translation studies; modern history; Japan's warrior cultures; and transnational studies, especially Sino-Japanese literary and cultural relations and kanshibun genres.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (JPN 593).

Required Core (3 credit hours)
CHI 501/JPN 501 Proseminar: East Asian Humanities (3)

Concentration (3 credit hours)
JPN 586 History of Japanology (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)
JPN 593 Applied Project (6) or
JPN 599 Thesis (6)

Additional Curriculum Information
The MA in Asian languages and civilizations has concentrations in Chinese and Japanese. Students in the Chinese concentration take CHI 501 as required core and students in the Japanese concentration take JPN 501 for core. The course is cross-listed.

Electives are selected in consultation with the program chairperson.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in Japanese or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample should represent the applicant's thinking and writing skills on a topic connected with Japanese culture. An academic writing sample, such as a research paper from a previous course, is preferred. The personal statement should highlight the applicant's motivations and skills and indicate why they are interested in the Japanese graduate program. Candidates for the program should present the equivalent of an undergraduate major in Japanese upon entrance to the program. Those who lack this background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a conditional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular plan of study for the master's degree.

Students should see the School of International Letters and Cultures website for more information.

Career Opportunities:
Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

- area, ethnic, and cultural studies teachers, postsecondary
- foreign language and literature teachers, postsecondary
- foreign service
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers
- state department
- supply chain managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-asian-langcivjapanese
DH 318
silc@asu.edu
480-965-6281

Asian Studies (certificate), Certificate (LAASIANCE)

Online Degree Search Title: Asian Studies (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate in Asian studies offers graduate students a transdisciplinary specialization in Asian language and area studies.

The certificate program is available in two tracks. The East Asia track includes China, Japan and Korea, and the Southeast Asia track includes Burma, Laos, Thailand, Vietnam, Malaysia, Singapore, Indonesia, the Philippines, Brunei and Timor Leste.

Degree Requirements:
18 credit hours.

Required Core (6 credit hours)
two courses at the 500 level or above dealing with Asian content from a single discipline

Electives (6 credit hours)
two courses at the 500 level or above dealing with Asian content from a discipline other than that chosen for the core courses

Other Requirements (6 credit hours)
language proficiency requirement: two courses at the 400 level or above in one Asian language (Chinese, Indonesian, Japanese, Korean, Thai, Vietnamese)

Additional Curricular Information
Students work closely with a faculty advisor from the Center for Asian Research to develop a cohesive curriculum tailored to their individual goals and interests.

Some of the coursework from the discipline in which the student is earning a graduate degree may be used to satisfy these requirements.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Graduate students currently enrolled in any discipline may pursue a certificate in Asian studies in conjunction with their degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information, students should visit https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Career Opportunities:
The graduate certificate program in Asian studies provides students with training and knowledge relevant to careers in government, nongovernmental organizations, nonprofit organizations, global relationships, intercultural understanding, foreign service, researchers, professional writing and community college teaching.

Career examples include:

  • cultural center associate
  • language interpreter
  • historical society and exhibit curator
  • teacher or instructor

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/certificate/certificate-asian-studies
COOR 6613
asia@asu.edu
480-727-0968

Astrophysics, PHD (LAASTPHPHD)

Online Degree Search Title: Astrophysics, PhD
Campus: Tempe

Program Description:
The PhD program in astrophysics is designed to develop creative scholarship and prepare students for professional careers in astrophysics, astronomy or related fields.

Students in this program take graduate-level courses in stars and interstellar media, galaxies, and cosmology; obtain quantitative skills through analysis and modelling; may have observing opportunities through regional and international telescope observatories; and conduct independent, fundamental, astrophysical research. Graduate students work closely with a research advisor on a wide range of topics including theoretical physics, cosmology, galaxy dynamics, stellar evolution, exoplanets, and developing and building instrumentation.

Graduate students in astrophysics become leaders in observational and theoretical research; they participate in NASA- and NSF-funded space missions and study topics such as how stars are born and die, how galaxies interact and evolve, and how the universe changed as it developed from its earliest beginnings.

The program's world-class faculty have research expertise across the full breadth of astrophysics including the solar system, stars and galaxies from the Milky Way to the most distant galaxies in the universe. Current ASU research applies both computational and observational approaches to the exploration of a range of topics such as fundamental cosmology and whether there is life on exoplanets.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (51 credit hours)

Other Requirements (20 credit hours)
AST 521 Stars and Interstellar Medium I (3)
AST 522 Stars and Interstellar Medium II (3)
AST 523 Stars and Interstellar Medium III (3)
AST 531 Galaxies and Cosmology I (3)
AST 532 Galaxies and Cosmology II (3)
AST 533 Galaxies and Cosmology III (3)
AST 591 Seminar: Astrophysics (1)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree.

Substitutions for Other Requirements courses may be made per departmental approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admissions application and application fee
- official transcripts
- statement of purpose

- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Professionals with expertise in astrophysics are in high demand across all sectors and industries, including remote sensing, data science, instrument building, computational science, defense industries and scientific research. Coding and numerical modeling skills translate across many domains, even beyond astrophysics. Skills in the measurement and analysis of data related to the physics, chemistry, structure of the universe and exoplanetary systems are valuable to businesses and institutions relying on data-driven strategies to explore beyond the Earth and solar system.

The doctoral degree in astrophysics is required for some careers in post-secondary education and research.

Career examples include:

- astrophysics professor
- data scientist
- instrument builder
- project manager
- research astronomer
- telescope operator

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Astrophysics and Astronomy, MS (LAASTPHMS)

Online Degree Search Title: Astrophysics and Astronomy, MS
Campus: Tempe

Program Description:
The MS program in astrophysics and astronomy provides fundamental graduate training in both astrophysics and astronomy.

Students take graduate-level courses in stars and interstellar media, galaxies, and cosmology; obtain quantitative skills through analysis and modelling, and they may have observation opportunities through regional and international telescope observatories.

Degree Requirements:
30 credit hours and a thesis.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (3 credit hours)

Other Requirements (20 credit hours)
AST 521 Stars and Interstellar Medium I (3)
AST 522 Stars and Interstellar Medium II (3)
AST 523 Stars and Interstellar Medium III (3)
AST 531 Galaxies and Cosmology I (3)
AST 532 Galaxies and Cosmology II (3)
AST 533 Galaxies and Cosmology III (3)
AST 591 Seminar: Astrophysics (1)
SES 501 SESE Colloquium (1)

Culminating Experience (6 credit hours)
SES 599 Thesis (6)

Additional Curricular Information

For other requirement courses, substitutions may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admissions application and application fee
  • official transcripts
  • statement of purpose
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Career Opportunities:

Professionals with expertise in astrophysics and astronomy are in high demand across all sectors and industries, including remote sensing, data science, building instruments and scientific research. Coding and numerical modeling skills translate across many domains, even beyond astrophysics. Skills in the measurement and analysis of data related to the physics, chemistry, and structure of the universe and exoplanetary systems are valuable to businesses and institutions relying on data-driven strategies to explore beyond the Earth and solar system.

This degree program prepares candidates for further graduate study or for careers in related fields such as scientific staff positions at government laboratories, teaching at the community college level and technical positions in industry. Career examples include:

  • data scientist
  • research astronomer
  • telescope operator

Contact Information:

Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Atmospheric Science (certificate), Certificate (LAATMOSCE)

Online Degree Search Title: Atmospheric Science (Graduate Certificate)
Campus: Tempe

This program is not currently accepting applications.

Program Description:

The transdisciplinary certificate in atmospheric science is administered by an executive committee composed of faculty from the Ira A. Fulton Schools of Engineering and The College of Liberal Arts and Sciences. The objective of this program is to recognize Arizona State University graduate students who complete a dissertation on a topic related to the atmospheric or oceanic sciences under the supervision of a faculty member from one of the cooperating departments.

Degree Requirements:

16 credit hours.

A minimum of 16 credit hours is required in order to qualify for the atmospheric science certificate, consisting of:

three 3 credit hour courses from a list of courses in the core disciplines (9)
two 3 credit hour courses from a list of electives at the 400 level or above (6)
a capstone seminar (1)

Considering the diversity of courses and in order to ensure a transdisciplinary flavor, all prospective recipients have the certificate program approved by the certificate executive committee. Certificates only are awarded to students who are enrolled in an MA, MS, MNS or PhD program at ASU. The student's thesis or dissertation must also be related to some aspect of atmospheric science.

The core courses are offered at least once every other year, so the certificate may be completed within two years.

Specific requirements are:

approval by the certificate committee of the student's proposed course selection
completion of one course from each of the core disciplines with a grade of "B" (3.00) or better
completion of two courses from the list of electives with a grade of "B" (3.00) or better
completion of the capstone seminar, which is one credit hour
completion of a dissertation on a topic related to the atmospheric or oceanic sciences

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-certificates
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Biochemistry, MS (LABIOCHMS)
Online Degree Search Title: Biochemistry, MS
Campus: Tempe

Program Description:
Students earning an MS degree in biochemistry in the School of Molecular Sciences are trained in the fundamental aspects of the discipline, but most also choose to learn by joining transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as:

- biogeochemistry
- energy and sustainability
- fundamental chemical biology
- materials and nanoscience

- medicine and health
- structure function and dynamics

The master's degree program in biochemistry provides students with the training they need to solve biological problems at the molecular scale and to contribute to research in current challenging societal issues.

Degree Requirements:

30 credit hours and a thesis.

500-level or above courses as approved by the school (12)
BCH 501 or CHM 501 Seminar or other seminar course as approved by the school (4)
BCH 592 Research courses (8)
BCH 599 Thesis (6)

Additional Curricular Information
The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. A written thesis is required and must be successfully defended during a public final oral defense. Students must maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

A program fee in the amount of $300 per semester is required in addition to the normal tuition costs.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

Professionals with training achieved in pursuit of a graduate degree in chemistry or biochemistry have opportunities in five general areas: industry (R&D, quality control), academia (high school and higher education), government (research, policy), nonprofit (policy, public education), and entrepreneurship (consulting, start-ups). In addition to specialized technical skills, graduates possess high-demand skills like critical thinking, teamwork and collaboration, time management and many others.

Some career examples include:

- chemistry lecturer
- drug discovery scientist
- government scientist
- high school teacher
- pharmacology scientist
- research and development scientist
- science consultant

The American Chemical Society also provides helpful resources and a more exhaustive list of possible careers on their website at https://www.acs.org/content/acs/en/careers/chemical-sciences.html (https://www.acs.org/content/acs/en/careers/chemical-sciences.html).

Contact Information:

Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/Graduate-Study/MS
PSD 102
smsgrad@asu.edu
480-965-4664

Biochemistry, PHD (LABIOCHPHD)

Online Degree Search Title: Biochemistry, PhD
Campus: Tempe

Program Description:
The PhD program in biochemistry through the School of Molecular Sciences provides students with the training they need to solve biological problems at the molecular scale and to be successful, independent scientists who can contribute to current challenging societal issues.

Students earning a doctoral degree in biochemistry are fully trained in all fundamental aspects of the discipline. Most also choose to join transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as:

- biogeochemistry
- energy and sustainability
- fundamental chemical biology
- materials and nanoscience
- medicine and health
- structure function and dynamics

Students should visit the prospective student site to learn more about this doctoral program (https://sms.asu.edu/graduate-study (https://sms.asu.edu/graduate-study)) and the graduate research page (https://sms.asu.edu/graduate-study/research (https://sms.asu.edu/graduate-study/research)) to learn more about the cutting-edge, transdisciplinary research being conducted in the School of Molecular Sciences.

The doctoral program in biochemistry prepares students for professional careers in industry, government and academia.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

six graduate-level courses (12-18)
enrollment in a BCH 501/CHM 501 seminar (8)
BCH 792 Research (46-52)
BCH 799 Dissertation (12)

Additional Curriculum Information
The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. Qualifying exams consisting of a written comprehensive exam, an oral comprehensive exam and a prospectus are required to advance to candidacy. Students must successfully defend their dissertation during a public final oral defense. Students must also maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In addition to the admission application, applicants must complete an online supplemental application to the School of Molecular Sciences. The supplemental application is available 24 to 48 hours after submission of the admission application. The personal statement and contact information for the letters of recommendation are submitted as part of the supplemental application. Information about the supplemental application can be found on the department's website. Applications lacking a supplemental application are not reviewed.

Career Opportunities:

Professionals with training achieved in pursuit of a graduate degree in chemistry or biochemistry have opportunities in five general areas:

- industry (R&D, quality control)
- academia (high school and higher education)
- government (research, policy)
- nonprofit (policy, public education)
- entrepreneurship (consulting, start-ups).

In addition to specialized technical skills, graduates possess high-demand skills like critical thinking, teamwork and collaboration, time management and many others.

Some career examples include:

- chemistry lecturer
- drug discovery scientist
- government scientist
- pharmacology scientist
- research and development scientist
- research group leader
- science consultant
- university professor

The American Chemical Society also provides helpful resources and a more exhaustive list of possible careers on their website at https://www.acs.org/content/acs/en/careers/chemical-sciences.html (https://www.acs.org/content/acs/en/careers/chemical-sciences.html).

Contact Information:

Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/Graduate-Study/Biochemistry-PhD
PSD 102
smsgrad@asu.edu
480-965-4664

Biochemistry (Medicinal Biochemistry), MS (LABCHMCMS)

Online Degree Search Title: Biochemistry (Medicinal Chemistry), MS
Campus: Tempe

Program Description:

The faculty in the School of Molecular Sciences offer a program leading to the MS in biochemistry with a concentration in medicinal chemistry. This program is intended for students who plan to continue their educational training in pharmacy or medical school or in a related field and want to expand their background knowledge in biochemistry before beginning their professional education.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Biochemistry, BS
> Biochemistry (Medicinal Chemistry), BS
> Chemistry, BS
> Molecular Biosciences and Biotechnology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project (research paper) course (CHM 593 or BCH 593).

A minimum of 30 credit hours are required, including coursework, seminars, research and an applied project consisting of a written research paper. Courses are selected by students in consultation with their supervisory committee based on the research area.

The Master of Science in biochemistry is awarded when the student has obtained a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in coursework, demonstrated quality performance in the laboratory and completion of the research project, completed and presented an approved research paper at an oral defense to the student's supervisory committee, and met all deadline dates and requirements set by the Graduate College.

A program fee in the amount of $300 per semester is required in addition to the normal tuition.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants interested in pursuing the accelerated degree program should review the requirements and submit a pre-application found on the School of Molecular Sciences website prior to submitting a formal Graduate Admission Services application to the degree program.

Career Opportunities:

Professionals with training achieved in pursuit of a graduate degree in chemistry or biochemistry have opportunities in five general areas: industry (R&D, quality control), academia (high school and higher education), government (research, policy), non-profit (policy, public education), and entrepreneurship (consulting, start-ups). In addition to specialized technical skills, graduates possess high-demand skills like critical thinking, teamwork and collaboration, time management and many other vital skills.

Some career examples include:

  • chemistry lecturer
  • drug discovery scientist
  • high school teacher
  • medical doctor
  • medical lab technician
  • pharmacist
  • pharmacology scientist
  • research and development scientist
  • veterinarian

The American Chemical Society also provides helpful resources and a more exhaustive list of possible careers on their website at https://www.acs.org/content/acs/en/careers/chemical-sciences.html (https://www.acs.org/content/acs/en/careers/chemical-sciences.html).

Contact Information:

Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/Graduate-Study/MedChem
PSD 102
smsgrad@asu.edu

480-965-4664

Biology, MS (LABIOMS)

Online Degree Search Title: Biology, MS
Campus: Tempe

Program Description:
This MS in biology is a flexible program based around a student's individual research interests, allowing students to explore areas of biology that thrive outside of traditional boundaries. This program complements other, more specialized life sciences programs, allowing both interdisciplinary and traditional approaches. Courses include laboratory, field and theoretical work.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Biological Sciences, BS
    Biological Sciences (Biology and Society), BS
    Biological Sciences (Biomedical Sciences), BS
    Biological Sciences (Conservation Biology and Ecology), BS
    Biological Sciences (Genetics, Cell and Developmental Biology), BS
    Biological Sciences (Neurobiology, Physiology and Behavior), BS
    Microbiology, BS
    Microbiology (Medical Microbiology), BS
    Molecular Biosciences and Biotechnology, BS
    Neuroscience, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including a portfolio, or 30 credit hours including a written comprehensive exam, or 30 credit hours including an applied project (BIO 593), or 30 credit hours including the required capstone course (BIO 597).

Required Core (3 credit hours)
BIO 541 SOLS Seminar Series (1)
BIO 542 SOLS Current Topics in the Life Sciences (1)
BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1) or BIO 611 Current Topics in Responsible Conduct of Research (RCR) in the Life Sciences (1)

Electives (21-27 credit hours)

Culminating Experience (0-6 credit hours)
BIO 593 Applied Project (3)
BIO 597 Capstone (3)
BIO 599 Thesis (6)
portfolio (0)
written comprehensive exam (0)

Additional Curriculum Information
Students choose one of five culminating experience options listed above. The credit hours required for the electives depends on the culminating experience chosen as all students must complete 30 credit hours for this degree program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology or a related discipline, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is desired that applicants have research experience.

Career Opportunities:
This master's program is designed to prepare students for careers in teaching and research in educational, medical, industrial and governmental institutions.

A Master of Science in biology provides strong preparation for academic careers, from community colleges to research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for wildlife management and conservation, and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- instructors at community colleges
- researchers and technicians in government labs and nonprofit organizations
- science teachers in elementary and high schools
- wildlife, animal and conservation scientists

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/graduate
LSA 181
sols.grad@asu.edu
480-965-1768

Biology, PHD (LABIOPHD)

Online Degree Search Title: Biology, PhD
Campus: Tempe

Program Description:
The PhD program in biology offers individualized courses of study tailored to students interests that include laboratory, field and theoretical work. Flexibility in the program is achieved by requiring only one core class, which is a choice between two topics that cover the breadth of the research directions in this program.

Electives are also as flexible as possible and include areas outside of biology. The major goal is to provide students opportunities to create an adaptable and general degree program that allows both traditional and interdisciplinary approaches in any area of biology.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3-4 credit hours)
BIO 514 Statistical Models for Biology (4) or
BIO 620 Research Prospectus Writing (3)

Electives (67-68 credit hours)

Other Requirements (1 credit hour)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)

Culminating Experience (12 credit hours)
BIO 799 Dissertation (12)

Additional Curriculum Information
The program is tailored to the needs of the individual student. The plan of study is developed by the student and a supervisory committee consisting of a major professor and three additional faculty members. The electives credit hours are comprised of coursework showing breadth in biology subdisciplines, seminars and research.

An oral comprehensive examination is required in order to advance to candidacy and a formal defense of the final written dissertation is required prior to graduation.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Research experience is desired for entry into this program.

Career Opportunities:
A doctorate in biology provides strong preparation for academic careers at every level, from community colleges to research universities. The skills and knowledge obtained in this program are also valuable in government careers with federal and state agencies responsible for wildlife management and conservation and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- principal investigators in government labs and nonprofit organizations
- professors or instructors in universities and colleges
- science teachers in elementary and high schools
- wildlife, animal and conservation scientists

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/biology-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Biology (Biology and Society), MS (LABIOSMS)

Online Degree Search Title: Biology (Biology and Society), MS
Campus: Tempe

Program Description:
In the biology and society concentration of the MS program in biology, students examine topics in which biology intersects with society.

The concentration tailors individual plans of study to individual needs and interests, with a solid grounding in the life and related sciences and with a rigorous analytical and interdisciplinary education. The program offers suggested courses for those wishing to focus on these areas: bioethics, policy and law; biology education research; ecology, economics and ethics of the environment; and history and philosophy of science.

Bioethics, policy and law --- Students are trained in the pressing moral, policy and legal issues raised by the biosciences and biomedicine and in the disciplinary methods necessary to address these issues.

Biology education research --- This focuses on using education research to identify ways to improve undergraduate biology education broadly.

Ecology, economics and ethics of the environment --- This area trains students in the theory and empirical methods for understanding, analyzing and shaping policy for coupled human-natural systems.

History and philosophy of science --- Students are trained in the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

      Biological Sciences, BS
      Biological Sciences (Biology and Society), BS
      Biological Sciences (Biomedical Sciences), BS
      Biological Sciences (Conservation Biology and Ecology), BS
      Biological Sciences (Genetics, Cell and Developmental Biology), BS
      Biological Sciences (Neurobiology, Physiology and Behavior), BS
      Neuroscience, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis.

An individual student plan is developed in consultation with the student's advisor and committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students are expected to have completed the equivalent of core requirements for an undergraduate major in biology or a related discipline (typically evolution, genetics and other courses appropriate to the student's particular interests). Students without an undergraduate-level competency in the sciences may be considered for conditional admission to the biology and society concentration.

Career Opportunities:
A Master of Science in biology and society provides strong preparation for academic careers. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for management and conservation and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- instructors at community colleges and research universities
- researchers and policy developers in government labs and nonprofit organizations
- science teachers in elementary and high schools
- wildlife, animal and conservation scientists

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/biology-biology-society-ms
LSA 181
sols.grad@asu.edu
480-965-1768

Biology (Biology and Society), PHD (LABIOSPHD)
Online Degree Search Title: Biology (Biology and Society), PhD
Campus: Tempe

Program Description:
In the biology and society concentration of the PhD program in biology, students examine topics with biological and social dimensions that are best understood together rather than in isolation. The concentration provides plans of study tailored to individual needs and interests. It encompasses a solid foundation in life sciences and related sciences and provides a rigorous analytical and interdisciplinary education. Students may further specialize in one of four tracks:

Bioethics, policy and law --- This track focuses on pressing moral, policy and legal issues raised by biosciences and biomedicine and on the methods needed to address them.

History and philosophy of science --- This track focuses on the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress.

Ecology, economics and ethics of the environment --- This track focuses on the theory and empirical methods for understanding, analyzing and shaping policy that steer society toward a more productive, equitable and sustainable ecological future.

Biology education research --- This track focuses on using education research to identify ways to broadly improve undergraduate biology education.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3-4 credit hours)
BIO 514 Statistical Models for Biology (4) or
BIO 620 Research Prospectus Writing (3)

Electives (68-69 credit hours)

Culminating Experience (12 credit hours)
BIO 799 Dissertation (12)

Additional Curriculum Information
An individual student program is developed in consultation with the student's advisor and committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students

are expected to have completed the equivalent of core requirements for an undergraduate major in biology or a related discipline, typically evolution, genetics and other courses appropriate to the student's particular interests. Students without an undergraduate-level competency in the sciences may be considered for conditional admission to the biology and society concentration.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
A doctorate in biology and society provides strong preparation for academic careers at every level, from community colleges to research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for management and conservation and for careers in industry and nongovernmental organizations. Graduates often choose careers in higher education, research, administration, policy and science communication.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- principal investigators and policy-makers in government labs and non-profit organizations
- professors or instructors in universities and colleges
- science teachers in elementary and high schools
- wildlife, animal and conservation scientists

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/biology-biology-society-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Biology (Complex Adaptive Systems Science), PHD (LABIOCPHD)

Online Degree Search Title: Biology (Complex Adaptive Systems Science), PhD
Campus: Tempe

Program Description:
The PhD program in biology with a concentration in complex adaptive systems science trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences.

The program is tightly integrated with diverse, ongoing university-wide research at Arizona State University on complex adaptive system science and emphasizes the value of a complex adaptive perspective to give students better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study, and candidates typically have a member of the complex adaptive systems science graduate faculty as a member of the doctoral supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit the following:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only students admitted to participating doctoral programs may apply for a complex adaptive systems concentration. A letter of application from the student must be sent to the chair of the complex adaptive systems science graduate faculty. The application is reviewed by members of the graduate faculty who make final admission recommendations to the Graduate College.

Career Opportunities:

A doctorate in biology with a concentration in complex adaptive systems science provides strong preparation for academic careers at every level, from community colleges to research universities. The skills and knowledge graduates obtained in this program are also valuable in government careers with federal and state agencies responsible for wildlife management and conservation and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- principal investigators in government labs and non-profit organizations
- professors or instructors in universities and colleges
- science teachers in elementary and high schools
- wildlife, animal, and conservation scientists

Contact Information:

Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/graduate
LSA 181
sols.grad@asu.edu
480-965-1768

Chemistry, MS (LACHEMMS)

Online Degree Search Title: Chemistry, MS
Campus: Tempe

Program Description:

Students earning an MS degree in chemistry in the School of Molecular Sciences are trained in the foundation disciplines of analytical, organic, physical, inorganic and environmental chemistry and geochemistry. Most also choose to learn by joining transdisciplinary research teams that work on larger, mission-based contemporary problems in areas such as:

- energy and sustainability
- frontiers of chemical measurement
- fundamental molecular science
- geologic and biospheric science
- materials and nanoscience
- medicine and health
- structure function and dynamics

The master's degree program in chemistry provides students with the training they need to solve molecular scale problems and to contribute to research in current challenging societal issues.

Degree Requirements:
30 credit hours and a thesis.

500-level or above courses as approved by the school (12)
BCH 501 or CHM 501 Seminar or other seminar course as approved by the school (4)
CHM 592 Research (8)
CHM 599 Thesis (6)

Additional Curriculum Information
The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. A written thesis is required and must be successfully defended during a public final oral defense. Students must maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Professionals with training achieved in pursuit of a graduate degree in chemistry or biochemistry have opportunities in five general areas: industry (R&D, quality control), academia (high school and higher education), government (research, policy), nonprofit (policy, public education) and entrepreneurship (consulting, start-ups). In addition to specialized technical skills, graduates possess high-demand skills like critical thinking, teamwork and collaboration, time management and many others.

Some career examples include:

  • chemistry lecturer
  • chemical technician
  • environmental science specialist
  • government scientist
  • high school teacher
  • materials scientist
  • military scientist
  • science consultant

The American Chemical Society also provides helpful resources and a more exhaustive list of possible careers at https://www.acs.org/content/acs/en/careers/chemical-sciences.html (https://www.acs.org/content/acs/en/careers/chemical-sciences.html).

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/Graduate-Study/MS
PSD 102
smsgrad@asu.edu
480-965-4664

Chemistry, PHD (LACHEMPHD)

Online Degree Search Title: Chemistry, PhD
Campus: Tempe

Program Description:
The PhD program in chemistry in the School of Molecular Sciences provides students with the training they need to solve molecular scale problems and to be successful independent scientists who can contribute to current challenging societal issues.

Students earning a doctorate in chemistry from the School of Molecular Sciences are trained in the foundation disciplines of analytical, organic, physical, inorganic, environmental or geological chemistry, and most also choose to join transdisciplinary research teams that work on larger, mission-based contemporary problems in areas such as:

- energy and sustainability
- frontiers of chemical measurement
- fundamental molecular science
- geologic and biospheric science
- materials and nanoscience
- medicine and health
- structure function and dynamics

Students should visit the department prospective student webpage at https://sms.asu.edu/graduate-study (https://sms.asu.edu/graduate-study) to learn more about this doctoral program and the graduate research webpage (https://sms.asu.edu/graduate-study/research (https://sms.asu.edu/graduate-study/research)) to learn about the cutting-edge, transdisciplinary research being conducted in the school.

The doctoral program in chemistry prepares students for professional careers in industry, government and academia.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

six graduate-level courses (12-18)
enrollment in a BCH 501 or CHM 501 seminar (8)
CHM 792 Research (46-52)
CHM 799 Dissertation (12)

Additional Curriculum Information
The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research.

Qualifying exams consisting of a written comprehensive exam, an oral comprehensive exam and a prospectus are required to advance to candidacy. Students must successfully defend their dissertation during a public final oral defense.

Students must also maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In addition to the admission application, applicants must complete an online supplemental application to the School of Molecular Sciences. The

supplemental application is available 24 to 48 hours after submission of the admission application. The personal statement and contact information for the letters of recommendation are submitted as part of the supplemental application. Information about the supplemental application can be found on the School of Molecular Sciences website. Applications lacking a supplemental application are not reviewed.

Career Opportunities:

Professionals with training achieved in pursuit of a graduate degree in chemistry or biochemistry have opportunities in five general areas: industry (R&D, quality control), academia (high school and higher education), government (research, policy), nonprofits (policy, public education) and entrepreneurship (consulting, start-ups). In addition to specialized technical skills, graduates possess high-demand skills like critical thinking, teamwork and collaboration, time management and many other vital skills.

Some career examples include:

- chemistry lecturer
- environmental science specialist
- government scientist
- materials scientist
- military scientist
- research and development scientist
- research group leader
- science consultant
- university professor

The American Chemical Society also provides helpful resources and a more exhaustive list of possible careers at https://www.acs.org/content/acs/en/careers/chemical-sciences.html (https://www.acs.org/content/acs/en/careers/chemical-sciences.html).

Contact Information:

Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/Graduate-Study/Chemistry-PhD
PSD 102
smsgrad@asu.edu
480-965-4664

Classical Liberal Education and Leadership, MA (LACLEDLMA)

Online Degree Search Title: Classical Liberal Education and Leadership, MA
Campus: Tempe

Program Description:

The MA program in classical liberal education and leadership is an integrated, interdisciplinary course of study that is student-learning centered, employing the Socratic method of classroom dialogue. This Master of Arts degree program fosters a learning community of students and faculty oriented to the classical, holistic pursuit of knowledge.

The curriculum focuses on philosophy, politics, literature, ethics, economics and history. It combines theory and practice with ideas and application, incorporating inquiry about the good life with the practical challenge of leading others --- nations, societies and individuals --- in the pursuit of a way of life that accords with the precepts of justice and the ethos of humanity.

Intellectual, moral and civic education are understood to be component parts of a genuine liberal education; all are necessary for the flourishing of the individual and society. As Aristotle taught, there is no substitute for doing the right thing in the right way. This is true in how children are educated, neighbors are lived with, and nations are governed. The classical liberal education and leadership program aims to prepare the next generation's teachers, scholars, civic leaders and statesmen to meet the challenges ahead with foresight, integrity, prudence and imagination.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Civic and Economic Thought and Leadership, BA
    Civic and Economic Thought and Leadership, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

36 credit hours including a thesis, or 36 credit hours including an applied project.

Required Core (9 credit hours)
CEL 501 Literary Leaders (3)
CEL 503 Classic Texts in Political Philosophy and Justice (3)
CEL 513 Classic Texts in Leadership and Statesmanship (3)

Restricted Elective (3 credit hours)
LAT 421 Advanced Latin (3)
SLC 598 Topic: Greco-Roman Ideas of Leadership and Politics (3)
SLC 598 Topic: The Classical Tradition (3)
SLC 598 Topic: Tragedy and Comedy in the Greek Polis (3)

Open Electives or Research (18 or 21 credit hours)

Culminating Experience (3 or 6 credit hours)
CEL 593 Applied Project (3)
CEL 599 Thesis (6)

Additional Curriculum Information
For the restricted elective, students select one course from the list of options. Students should see the School of Civic and Economic Thought and Leadership for the most current list. Other courses may be substituted with approval of the academic unit.

Open electives and research are selected in consultation with the academic advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in liberal arts, political science, history, philosophy, theology, the natural sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation from people in education or leadership positions
  • written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

A master's degree allows students to upgrade their bachelor's degree. Students gain specialized knowledge to advance in a chosen field. As the workforce evolves, a graduate degree shows employees are dedicated to enhancing their industry expertise and credibility. Students can focus on a particular field of study, which helps them become more competitive in their area of employment.

A master's degree can open many career doors, including certain career fields, advancement opportunities and higher salaries in the following areas:

  • civic leadership and engagement
  • education, at all levels
  • government
  • nonprofit work
  • politics

Contact Information:
Liberal Arts and Sciences, The College of

School of Civic & Economic Thought and Leadership
https://scetl.asu.edu/
COOR 6611
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480-965-0155

Communication, MA (LACOMMOMA)

Online Degree Search Title: Communication, MA
Campus: Online

Program Description:
The MA in communication program provides advanced training in communication skills and competencies for professionals, preparing students for success in their careers and a dynamic job market.

The flexible delivery offers easy access to a rigorous education. Instruction includes social influence, conflict transformation, communicating in global contexts, best workplace practices and more. The program concludes with a capstone project in which students work with an organization of their choice and create a communication training and development module.

Degree Requirements:
30 credit hours including the required capstone course (COM 550).

Required Core (12 credit hours)
COM 501 Research Methods in Communication (3)
COM 504 Theories and Models in Communication (3)
COM 530 Training and Development (3)
COM 540 Conducting Communication Research (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
COM 550 Capstone (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in communication or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/communication-ma/)

Career Opportunities:
This program is designed for individuals looking to change career trajectories or get ahead in their current professions. Graduates with a master's degree in communication can expect to find work in the following:

• fundraising
• government
• health care
• human resources

- management
- marketing
- nonprofits
- public relations
- sales
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
Hugh Downs School of Human Communication
https://humancommunication.asu.edu/
STAUF A412
MACOMAPP@asu.edu
480-799-5000

Communication, PHD (LACOMMOPHD)

Online Degree Search Title: Communication, PhD
Campus: Tempe

Program Description:
The Hugh Downs School of Human Communication offers a transdisciplinary graduate program leading to the PhD in communication.

This program provides coursework and resources in interpersonal communication, intercultural communication, organizational communication, health communication, rhetoric and performance studies. Students receive training in communication theory, research methodology and multiple areas of emphasis, and they actively participate in one or more of the school's collaborative research initiatives.

The program is designed to meet the needs of students whose interests transcend traditional disciplinary boundaries and to prepare scholars for research-oriented careers in universities and in the public or private sectors.

Degree Requirements:
96 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)
COM 604 Theory Construction in Communication (3)
Choose two:
COM 607 Contemporary Rhetorical Methods (3)
COM 608 Multivariate Statistical Analysis of Data in Communication (3)
COM 609 Advanced Qualitative Research Methods in Communication (3)

Electives (45 credit hours)

Other Requirements (24 credit hours)
COM 691 Seminar (24)

Research (6 credit hours)
COM 792 Research (6)

Culminating Experience (12 credit hours)
COM 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree; 66 credit hours are required beyond an appropriate master's degree.

At least six elective credit hours must be coursework outside of the communication field.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- statement of goals
- three letters of recommendation
- writing sample
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Most commonly, students enter with a research-based MA in which they have completed a master's thesis.

Applicants should visit the Hugh Downs School of Human Communication website for further details.

Career Opportunities:
A PhD in communication opens doors to a variety of careers in research, teaching, training and consulting. Graduates typically obtain jobs in research and teaching institutions that range from large research universities to four-year teaching schools and community colleges. A number of career opportunities appear in government agencies and organizations, both for-profit and nonprofit.

Career examples include:

- academic advisors
- campaign managers
- consultants
- policy advocates
- professors
- program directors
- researchers
- trainers

Contact Information:
Liberal Arts and Sciences, The College of
Hugh Downs School of Human Communication
https://humancommunication.asu.edu/degree/graduate/phd-communication--phd
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602-543-5619

Comparative Culture and Language, PHD (LAILCPHD)
Online Degree Search Title: Comparative Culture and Language, PhD
Campus: Tempe

Program Description:
The PhD program in comparative culture and language offers professional training that is linguistically well-grounded, historically and culturally informed, and methodologically transdisciplinary through courses and supervision of research. Central to the program is the critical inquiry of primary texts, media and cultural expressions, aiming at an original understanding of cultures and social groups in their formations, interactions and transformations throughout history.

This degree program is attentive to the various roles of language in societies and in the different perspectives through which language can be studied --- among other aspects, its variations, transformations, hybridizations and processes of acquisition. The doctorate in comparative culture and language focuses particularly on research questions and themes that cannot be fully explored within the traditional disciplinary boundaries; instead, it fosters dynamic collaboration across disciplines in order to engage in the production of knowledge that is crucial to understanding transnational and transcultural interactions across time and space.

The program provides an innovative intellectual platform that advances transdisciplinary research and teaching. In consultation with their advisor, students arrange their coursework in a primary and a secondary area of emphasis. Both areas are organized around interdisciplinary study and

research in more than one language. Advanced language requirements vary depending on chosen areas of research. A sample program of study might include a primary emphasis area in French literature and visual culture, and a secondary emphasis area in gender studies, with research conducted in French and German. In another sample program, students might study multilingualism in Bolivia and Arizona from a comparative sociolinguistics perspective.

Faculty members are drawn from the School of International Letters and Cultures and other programs in the humanities and social sciences across Arizona State University.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, two foreign language exams, a prospectus and a dissertation.

Required Core (3 credit hours)
SLC 602 Comparative Cultural Theory (3)

Restricted Electives (36 credit hours)
primary field of study (18)
secondary field of study (18)

Electives and Research (33 credit hours)

Culminating Experience (12 credit hours)
SLC 799 Dissertation (12)

Additional Curriculum Information
Students will do coursework in a primary and a secondary area of emphasis. Both areas will be organized around interdisciplinary study and research in more than one language; students will be expected to have advanced proficiency in one language other than English (this is the "language of primary emphasis"), and at least reading knowledge in a second language other than English ("language of secondary emphasis").

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative of GPA 3.30 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • resume or curriculum vitae
  • writing sample
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should describe the questions, issues or challenges the student plans to explore through the doctoral program in comparative culture and language and explain how previous studies, training or professional experiences prepare the student for this research. It should include a proposed plan of study based on the current graduate-level offerings at ASU. In a brief statement, the student should indicate how those courses will be preparation for the dissertation, how the plan fits with the description and goals of this doctoral program, and why the proposed program does not fit some other degree program.

Applicants must provide a 15- to 20-page writing sample in English; a writing sample in the primary language of interest may also be requested at the discretion of the admissions committee. The writing sample should reflect the student's analytical and critical skills.

Career Opportunities:
Professionals with this doctoral degree can confidently move into academic and international fields as an expert on concentration topics. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and

international business career opportunities.

Career examples include:

- area, ethnic and cultural studies teachers and professors
- education administrators
- foreign language and literature teachers and professors
- interpreters and translators
- philosophy and religion teachers and professors
- reporters and correspondents

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/phd-comparative-cultures--lang
DH 318
silc@asu.edu
480-965-6281

Computational Life Sciences (Certificate), Certificate (LACMLSGRCT)

Online Degree Search Title: Computational Life Sciences (Graduate Certificate)
Campus: Tempe, Online

Program Description:
Students in the computational life sciences graduate certificate program develop expertise in the understanding, interpretation and analysis of diverse data types generated from a variety of life sciences disciplines, including ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior.

Degree Requirements:
16 credit hours including a portfolio.

Required Core (1 credit hour)
BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1) or
BIO 611 Current Topics in Responsible Conduct of Research (RCR) in Life Sciences (1)

Electives (15 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
Elective coursework is selected from a restricted list in consultation with the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in life sciences or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should discuss the applicant's future career goals, to better assist the student with selecting the most applicable set of courses in computational life sciences.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/computational-life-science-graduate-certificate/)

Career Opportunities:
Professionals with expertise in computational life sciences are in high demand in biotech and biomedical industries. Skills in data science are critical for the analysis and interpretation of life sciences data. These skills are valuable to businesses and institutions relying on data-driven life sciences research including hospitals, biotechnology companies and for-profit and nonprofit research institutions.

Career examples include:

- bioinformatics scientist
- computational lab technician
- core facilities researcher
- ecologist
- educator
- microbiologist
- natural sciences manager
- software developer

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/computational-life-sciences-graduate-certificate
LSA 181
sols.grad@asu.edu
480-965-7490

Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)

Online Degree Search Title: Computer-Assisted Language Learning (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in computer-assisted language learning focuses on the application of technology in foreign language teaching and research.

The program teaches the practical, hands-on skills needed to create and evaluate learning and teaching materials with new computer-based technologies. Students learn how to use technology effectively to facilitate instructed second language acquisition and how to develop, manage and maintain a cutting-edge language computing facility. The program also provides students with a solid theoretical and pedagogical framework for the integration of technology into the foreign language curriculum and provides them with the tools necessary to teach language courses in either a hybrid or distance learning environment.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
APL/ENG/SLC 557 Computer-Assisted Language Learning (3)
APL 558/SLC 510 Computer-Assisted Language Learning Praxis (3)

Restricted Electives (3 credit hours)

Electives (6 credit hours)

Additional Curriculum Information
For restricted electives, students select a second language acquisition course with department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned from a regionally accredited institution a bachelor's or master's degree with a major or minor in foreign language study, English or English education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching and research positions or work in the public or private sectors.

Career examples include:

  • distance learning coordinators
  • educational technology teachers and professors
  • foreign language or TESOL teachers and professors
  • instructional coordinators
  • instructional designers and technologists
  • technology for language learning consultants
  • training and development specialists

Contact Information:
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Department of English
https://english.asu.edu/node/3860
RBHL 170
enggrad@asu.edu
480-965-3194

Creative Writing, MFA (LACWRITMFA)
Online Degree Search Title: Creative Writing, MFA
Campus: Tempe

Program Description:
The MFA in creative writing at ASU has always been an unswervingly student-first program. Through small classes, intimate workshops or one-to-one mentoring, the centuries-old apprenticeship model thrives within the New American University. Poets and fiction writers work with outstanding faculty who have published more than 80 books and garnered national and international attention through awards and honors that include:

  • Guggenheim, Howard Foundation, Lannan Foundation, MacArthur Foundation, National Endowment for the Arts, and United Artists fellowships
  • International Griffin Poetry Prize and Whiting Award
  • Multiple Pulitzer Prizes
  • Two Medals of Achievement from the National Society of Arts and Letters

- Two Chancellors of the Academy of American Poets
- Walt Whitman Award from the Academy of American Poets

Additionally, in concert with the Master of Fine Arts program, several campus entities contribute to the MFA experience: the Virginia G. Piper Center for Creative Writing offers students a wide range of support and opportunities, travel scholarships, professional development support, and other teaching and leadership opportunities; the Center for Imagination in the Borderlands brings writers and other artists for intensive workshops, classes, and public events, and it offers an Artistic Development and Teaching Assistant Fellowship. Within the Master of Fine Arts, Poetry for the People offers teaching assistantships that provide training in a pedagogy that links art and activism. The program also hosts a newly inaugurated series of craft lectures and an alumni reading series.

Furthermore, students have access to a variety of additional professional development opportunities, including serving on the editorial board of an international literary journal, Hayden's Ferry Review translation experience through the Thousand Languages Project, and internships with award-winning independent literary press Four Way Books.

Degree Requirements:
48 credit hours, a written comprehensive exam and an applied project (ENG 593).

Coursework (39 credit hours)

Other Requirement (6 credit hours)
ENG 592 Research (6)

Culminating Experience (3 credit hours)
ENG 593 Applied Project (3)

Additional Curriculum Information
The creative writing program requires 48 credit hours of study evenly divided between writing courses and literature courses designed to inform that writing.

While students are expected to satisfy these requirements in the genre in which they were accepted, the program encourages cross-genre study and electives can include courses taken outside of the creative writing program, even outside the English department.

A written comprehensive exam and an applied project are required.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants should have an undergraduate major in English or creative writing; however, exceptional students who do not have either of these undergraduate majors may be admitted on the basis of writing excellence.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- creative manuscript
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students applying for a teaching assistantship must submit a statement of teaching philosophy and an academic writing sample.

The personal statement should include the applicant's writing background, intended area of specialization, and a brief self-evaluation of recent work (double spaced, up to 3 pages or 750 words).

The creative manuscript should be up to 20 pages of poetry or up to 30 pages of prose (prose should be double-spaced).

Applicants should see the Department of English website for details.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Create original fiction or poetry that incorporates theoretical and foundational literary knowledge.
- •Explicate their creative works articulately.
- •Analyze and critique the writing of other creative writers.

Career Opportunities:
A Master of Fine Arts in creative writing prepares students primarily for the professional creation of new art, including fiction, poetry and other written forms. In addition to working as novelists, poets and short story writers, students go on to careers in education, arts administration, media and entertainment, and in political and community organizations.

Career examples include:

- • book designer or marketer
- • book or magazine editor
- • creative writing professor
- • essayist or journalist
- • literary events coordinator
- • novelist
- • poet
- • screenwriter
- • secondary education teacher

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/master-fine-arts-creative-writing
RBHL 152
enggrad@asu.edu
480-727-9130

Critical Theory (certificate), Certificate (LACRTGRCT)
Online Degree Search Title: Critical Theory (Graduate Certificate)
Campus: Tempe, West

Program Description:
The certificate program in critical theory provides students with opportunity for advanced study in critical and contemporary theory. It promotes the skills required for the use and interpretation of concepts from continental philosophy and from the theoretical trends that have followed over the last two centuries. The program offers tools for creating a critical engagement with society and for the production of new cultural texts and ideas. Myriad developments in theory cut across disciplines in the arts, humanities, social sciences, and the technical and physical sciences. Students find a wide variety of existing and new courses to apply toward the certificate.

Degree Requirements:
15 credit hours and a portfolio.

Required Core (3 credit hours)
ENG 502 Contemporary Critical Theories (3)

Electives (12 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Specific details about English proficiency requirements are available on the Department of English website.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The graduate certificate in critical theory is available to all ASU graduate students irrespective of their major, as well as to nondegree graduate students and working professionals provided they meet eligibility criteria. Sample majors include English; women and gender studies; art history; and arts, media and engineering.

Eligible applicants must have taken two courses in critical theory or a related field at the upper-division undergraduate level (such as ENG 401 Topics in Critical Theory) or at the graduate level (such as ENG 502 Contemporary Critical Theories).

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Recognize and apply the affordances and limitations in the applications of foundational concepts of critical theory
- Apply the paradigms of critical theory to develop original research projects
- Build on, qualify, or challenge claims in critical theory.

Career Opportunities:

Writers and other content professionals are in demand today, not only in traditional print media, but on a myriad digital platforms. The modes of logical argumentation and conceptual analysis found in critical theory are valuable skills useful across the media spectrum, from scholarly writing to popular magazines and websites with social, cultural and political themes. Students of critical theory are also increasingly involved in multimedia work and technologies, such as A.I. and other forms of human-to-media interface, that can be used in cutting edge institutional ventures, both academic and commercial, such as tech start-ups.

Career examples include:

- analyst for cultural tech company
- content provider for social media
- freelance cultural critic (on- and offline)
- grass-roots activist
- instructor in critical theory, cultural studies or media studies
- political strategist or campaign worker
- writer in marketing and advertising

Contact Information:

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https://english.asu.edu/node/249
RBHL 170
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480-965-3194

Digital Humanities (Certificate), Certificate (LACDHGRCT)

Online Degree Search Title: Digital Humanities (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in digital humanities provides students with methods and skills central to conducting humanities research that employs both qualitative and quantitative approaches.

The program is designed to promote cross-disciplinary study in humanities and social and computational sciences, and is open to students in all disciplines. The program features training in transdisciplinary collaboration, project-based communication skills, critical theory and the simultaneous application of quantitative and qualitative problem-solving skills.

This certificate highlights an area of excellence within ASU that has emerged across its colleges, schools and departments and is integral to the effort of transforming the humanities at ASU into new transdisciplinary configurations.

Degree Requirements:
15 credit hours including an applied project course (CDH 593).

Required Core (3 credit hours)
CDH 501 Digital Humanities: Critical Theory and Methods (3)

Electives (6 credit hours)

Other Requirement (3 credit hours)
CDH 580 Practicum (3)

Culminating Experience (3 credit hours)
CDH 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students enrolled in an existing master's or doctoral program and in good standing. Students who are interested in transdisciplinary work are particularly well-suited for this certificate program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The program requires a TOEFL score of at least 600 (PBT) or 100 (iBT).

Students are asked to outline a desired transdisciplinary area of inquiry. For example, a student who works on digital rhetoric and literacy may want to understand how to create and manage social media data sets or how to create a social media application. Alternatively, a student in the School of International Letters and Cultures may want to study digital archives of Slavic literature and may need to understand how digital archives are enmeshed in national and capitalist networks.

Career Opportunities:
Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

 • computer and information research scientist
 • cultural designer
 • data scientist

- digital curator
- digital humanities instructor
- humanities digital content editor
- information architect
- metadata analyst
- social science research assistant

Contact Information:
Liberal Arts and Sciences, The College of
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https://silc.asu.edu/degree/certificate/certificate-digital-humanities
DH 318
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Disability Studies (Certificate), Certificate (LADISGRCT)

Online Degree Search Title: Disability Studies (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in disability studies focuses on the creation of new knowledge and consequent practical implications in the area of disability. It coordinates courses into an individualized systemic plan of study that trains students to conduct disability research.

Students examine disability from diverse perspectives, including disability law and justice, cultural politics of disability, family perspectives, as well as research methods in disability studies. The emphasis for students is on examining and creating new theoretical perspectives and methodological approaches at different levels of analysis while analyzing topics of critical importance locally and globally.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
JUS 530 Social Policy, Critical Advocacy and Disability (3) or
JUS 565 Critical and Comparative Issues in Disability (3)

Electives (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for the pre-approved list of elective coursework. Other coursework may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.
Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in areas such as social sciences, education, social work, law, health care and health care policy or any related field from a regionally accredited institution

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Critically examine and apply appropriate methodological approaches to the study of disability culture locally and globally.
- Explain key theoretical perspectives contributing to the development of disability studies.

Career Opportunities:
A disability studies certificate can benefit individuals working within a variety of fields such as health care, human services, education, rehabilitation sciences and social work. Additionally, individuals with a disability certificate can work within a number of diverse settings, including:

- assisted living centers
- community and family support agencies
- gerontology institutes
- independent living centers
- parent education, consulting and information centers
- protection and advocacy, nonprofit agencies
- research centers and institutes
- self-advocacy associations
- state and local disabilities agencies
- university or college offices for students, with disabilities and transition centers

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
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480-965-7682

East Asian Languages and Civilizations (Chinese), PHD (LAEALCPHD)
Online Degree Search Title: East Asian Languages and Civilization, PhD
Campus: Tempe

Program Description:
The PhD program in East Asian languages and civilizations is a research-intensive, transdisciplinary, area-based degree in the study of traditional and modern languages and cultures of China. Students may focus on:

- comparative cultural studies
- cultural history
- linguistics
- literary criticism
- literary thought

In every case, students are expected to acquire a solid grounding in the classical and modern versions of Chinese.

Degree Requirements:
84 credit hours, two foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
CHI 501 Proseminar: East Asian Humanities (3)

Concentration (6 credit hours)
CHI 514 Advanced Classical Chinese (6)

Other Requirements (39 credit hours)
CHI 502 Academic Writing (3)
CHI 598 Topic: Proseminar: Chinese Literary History (3)
CHI 598 Topic: History of the Chinese Language (3)
CHI 598 Special Topics (15)
CHI 691 Seminar (15)

Electives (24 credit hours)

Culminating Experience (12 credit hours)
CHI 799 Dissertation (12)

Additional Curriculum Information
15 credit hours of CHI 598 Special Topics must be comprised of five courses, and 15 credit hours of CHI 691 must be comprised of five seminar courses. Other requirements and elective coursework for the degree are to be chosen in consultation with the program chair.

Courses for the other requirements may be substituted with the approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants specializing in Chinese should have completed at least three years of modern Chinese and one year of classical Chinese.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • writing sample
  • speech sample in Chinese or Japanese
  • resume or curriculum vitae
  • GRE scores
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample, which should be no more than 15 pages, should represent the applicant's thinking as well as writing skills, and it should be on a topic connected with Chinese, Japanese or East Asian culture.

The speech sample is required if the applicant is applying for teaching assistantship funding. The speech sample should be a recorded message approximately four minutes in length, in Chinese or Japanese, on a topic of the applicant's choosing. (Applicants are asked to not read the message. This is to help the committee evaluate the level of proficiency, and the message should realistically reflect the applicant's spoken Chinese or Japanese). Recordings should be emailed to SILC@asu.edu (mailto:SILC@asu.edu).

Applicants should see the department website for more information.

Career Opportunities:
Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

  • teachers or professors of area, ethnic and cultural studies
  • teachers or professors of foreign language and literature
  • historians
  • interpreters and translators
  • lawyers
  • reporters and correspondents
  • social and community service managers

Contact Information:
Liberal Arts and Sciences, The College of

School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/phd-east-asian-lang-civ-chinese
DH 318
silc@asu.edu
480-965-6281

English, MA (LAENGLMA)

Online Degree Search Title: English, MA
Campus: Tempe, Online

Program Description:
The MA program in English allows for a variety of transdisciplinary studies within five distinct tracks:

Comparative literature --- Students interpret cultural productions in English and at least one other language, and they explore approaches ranging from textual criticism, critical theory and translation to cultural studies and the social sciences.

Creative writing -- Students in the accelerated BA/MA creative writing track strengthen their artistic practice by participating in intensive creative writing workshops in either fiction or poetry, alongside the study of contemporary literature and innovative creative techniques.

English studies --- Students in this track learn how to interpret and articulate complex cultural, historical, literary and language related ideas into accessible material for general audiences through a series of courses from across disciplinary areas of study.

Literature --- Students develop and hone skills in oral presentation, writing and critical thinking while exploring social, historical and cultural contexts.

Writing, rhetorics and literacies --- This program offers students a wide array of courses encompassing the history, theory and practice of rhetoric and pedagogy of writing.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    English (Creative Writing), BA
    English (Literature), BA
    English (Writing, Rhetorics and Literacies), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (ENG 593 or LIN 593) and a foreign language exam, or 30 credit hours including the required capstone course (ENG 597) and a foreign language exam, or 30 credit hours, a thesis and a foreign language exam.

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

A student may pursue a track in comparative literature, English studies, literature, or writing, rhetorics and literacies. The creative writing track is available only for students in the accelerated BA/MA creative writing track program. All tracks have a foreign language requirement.

Comparative Literature Track
one course in concept and methods (course in comparative literature, criticism or translation)
four courses in a language other than English
electives

Creative Writing Track
ENG 594 Conference and Workshop: Fiction (3) or
ENG 594 Conference and Workshop: Poetry (3)
ENG 538 Studies in Modern and Contemporary American Literature (3) or
ENG 539 Studies in Modernist and Postmodernist Literature and Theory (3)
electives or research courses
ENG 584 Internship (3)

English Studies Track
one course in linguistics

one course in literature
one course in writing, rhetorics and literacies
one course in English education
electives or research courses

Literature Track
one course in literary theory
a distribution requirement
electives
two courses selected must be graduate seminars at the 600 level

Writing, Rhetorics and Literacies Track
one course in composition theory
one course in rhetoric theory
electives, which must include six credit hours of graduate seminars at the 600 level

Culminating Experience (3 or 6 credit hours)
ENG 593 Applied Project (3) or
ENG 597 Graduate Capstone Seminar (3) or
ENG 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

The capstone culminating experience option is available to students in the English studies track only. Students in this track must take the capstone. Students in one of the other tracks may select an applied project or thesis for the culminating experience.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • resume or curriculum vitae
  • three letters of recommendation
  • academic writing sample relevant to the field
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Applicants for the master's degree program in English with a track in comparative literature must prove fluency in a foreign language to a level sufficient for graduate study. The one- to two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in comparative literature, and plans for the future.

Applicants for the master's degree program in English with a track in creative writing must be undergraduate students in the creative writing concentration at ASU and approved to enter the accelerated program. The one- to two-page statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in creative writing, and their plans for the future.

Applicants for the master's degree program in English with a track in English studies (the online program) are required to submit two academic or professional letters of recommendation; a third recommendation is optional. An academic writing sample is not required. The two-page, single-spaced statement of purpose should explain how the applicant's academic and professional interests fit with the English studies track of the Master of Arts in English. Applicants with undergraduate majors in English, foreign language, history, philosophy, liberal studies or other areas in humanities are considered.

Applicants for the master's degree program in English with a track in literature are required to have an undergraduate major in English. Those who

do not have a major in English are encouraged to register as nondegree students while they take supplementary courses, as identified by the advisor. The one- to two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in literature, and plans for the future.

Applicants for the master's degree program in English with a track in writing, rhetorics and literacies may have undergraduate majors in fields such as anthropology, cognitive science, communication, comparative languages and literatures, education, English literature, history, law, modern languages, philosophy, political science, psychology, religion, rhetoric or composition, sociology, or speech and hearing science. The one- to two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in writing, rhetorics and literacies, and plans for the future.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-english/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Use concepts from a discipline in English Studies to analyze (break into constituent parts) a relevant creative/literary, rhetorical or linguistic artifact or other cultural phenomenon according to standards of rigor in the field.
  •Compose a compelling case, argument or creative work relevant to English Studies that meets or exceeds standards of rigor in the field.
  •Use theories, concepts and methods from a discipline in English Studies to sustain an evidence-based line of reasoning that makes a grounded, situated & qualified contribution according to standards of rigor in the field.
  •Graduates from the MA in English program at ASU will be able to use concepts from a discipline in English Studies to analyze (break into constituent parts) a relevant creative, literary, rhetorical or linguistic artifact or other cultural phenomenon according to standards of rigor in the field.
  •Graduates of the MA program will be able to use theories, concepts and methods from a discipline in English Studies to sustain an evidence-based line of reasoning that makes a grounded, situated and qualified contribution according to standards of rigor in the field.

Career Opportunities:
Professionals with expertise in all areas of English studies are able to articulate and translate complex ideas for a general audience and are prepared for career opportunities in public humanities, business, digital media, teaching, museums, nonprofits and arts organizations. In addition, the program nurtures concrete skills in writing, oral presentation and critical thinking that are valuable assets for any career.

Career examples include:

  • communications director
  • copywriter
  • editor or author
  • human resources specialist
  • instructor
  • market research analyst
  • library or museum administrator
  • publisher
  • social media manager
  • technical writer

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission
RBHL 170
enggrad@asu.edu
480-965-3194

English (English Education), PHD (LAENEDPHD)

Online Degree Search Title: English (English Education), PhD
Campus: Tempe

Program Description:
The PhD program in English with a concentration in English education prepares students to examine the writing and reading practices of secondary students as well as the instructional practices of secondary English language arts teachers by emphasizing the relationship between pedagogy and research methodologies used to study the teaching of secondary English.

The curriculum comprises dynamic coursework, mentoring, interdisciplinary learning opportunities and community outreach.

Possible areas for research focus within this program include young adult literature, secondary reading and writing practices, new literacies, English language learning, critical literacy and secondary English language arts curriculum and instruction development. The program encourages students to pursue coursework in other subdisciplines within the Department of English, such as rhetoric and composition, applied linguistics and literature, and coursework in the ASU Mary Lou Fulton Teachers College, such as literacy and educational research methodology.

Students benefit from the program's links to the Central Arizona Writing Project, and this relationship offers opportunities for related coursework, research, community outreach and teacher in-service programs.

The doctorate in English education prepares students to become professors of English education or to pursue other relevant opportunities in research and administration.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

Foundational Distribution (12 credit hours)

Advanced Studies Distribution (12 credit hours)

Internships (6 credit hours)
ENG 784 Internship (6)

Specialization (9 credit hours)

Culminating Experience (12 credit hours)
ENG 799 Dissertation (12)

Additional Curriculum Information
Students must take 12 credit hours at the 500 level, selected from a list of approved courses in education, English, linguistics and applied linguistics for the foundational distribution.

Students must take at least three courses in the area of specialization.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If not approved, the 30 credit hours of coursework will be made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree from a regionally accredited institution. Applicants with master's degrees in English education and related fields, such as English literature, applied linguistics, education, and rhetoric and composition will be considered. A minimum of three years of full-time teaching or volunteer work in secondary English language arts classrooms or in literate-rich settings is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• academic writing sample
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Department of English website for specific details about English proficiency requirements.

The one- to two-page statement should explain the applicant's interest in the program and how the applicant's background and preparation led to the specific career and research goals. The three letters of recommendation should be from individuals familiar with the applicant's promise in English education, including one letter from a school principal and two letters from university professors. Applicants applying for funding must also submit a statement of teaching philosophy.

Applicants should see the Department of English website for specific details.

Career Opportunities:
Careers for English education graduates include professions related to the field of secondary language arts and literacy education in secondary schools.

Career examples include:

- curriculum developer
- dual enrollment teacher
- faculty position (college, university)
- instructional leader
- literacy coach
- middle or high school English teacher
- teacher leadership and research

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/doctor-philosophy-english-english-education
RBHL 170
enggrad@asu.edu
480-965-3194

English (Literature), PHD (LAENLITPHD)

Online Degree Search Title: English (Literature), PhD
Campus: Tempe

Program Description:
The PhD program in English with a concentration in literature trains students in the various methodologies, pedagogies and areas of inquiry that constitute literary and cultural studies.

With a diverse and accomplished faculty, the program offers opportunities for specialization in traditional areas of literary criticism, cultural analysis and theory, as well as various fields of interdisciplinary study.

A doctorate in literature equips students with a range of highly sought-after skills and competencies: research and analysis of complex material, communication in written and oral modes, collaboration, independence and self-motivation, creativity and adaptability.

Degree Requirements:
84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

A student with an appropriate master's degree must complete a minimum of 54 credit hours of approved graduate work, which includes 12 credit hours of dissertation, provided the student's master's degree is accepted by the supervisory committee and the academic unit. Research hours may be used toward coursework in consultation with the advisor.

A student without an appropriate master's degree must complete 84 credit hours of work at ASU. At the advisor's discretion, students may include up to 12 credit hours of appropriate, graduate-level coursework undertaken at another university and not previously counted toward any other degree.

Specifically required are six credit hours in theory courses and ENG 501 Approaches to Research. Students must complete eight graduate courses in any of the following categories:

- cultural studies

- ethnic studies
- gender studies
- genre
- history and structure of the English language
- literature 1500-1660
- literature 1660-1900
- literature since 1900
- literature to 1500
- postcolonial or anglophone literatures

Students must take at least five graduate seminars at the 600 level en route to the doctorate, at least three of which must be taken in the doctoral program. Up to 12 credit hours taken outside the department may be counted toward the degree. Students should consult with their supervisory committees when choosing electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements. https://english.clas.asu.edu/admission/graduate-admission/how-to-apply/information-international-students (https://english.clas.asu.edu/admission/graduate-admission/how-to-apply/information-international-students)

The well-considered, one- to two-page, single-spaced statement of purpose should explain how the applicant's experience and training have prepared them for the program as well as the purpose for pursuing the doctorate. Applicants applying for funding must also submit a statement of teaching philosophy. Students should see the Department of English website for specific details.

Career Opportunities:
Graduates are prepared for careers in higher education and other fields that value this expertise. Sectors employing high numbers of arts and humanities graduates include: information and communication, financial and insurance, public administration and defense, arts and entertainment, and education.

Career examples include:

- archivist
- art director
- copywriter
- criminal investigator or special agent
- editor
- educator
- intelligence analyst
- librarian
- market research analyst
- museum curator, educator or exhibit designer
- political analyst
- public relations specialist or manager
- technical writer

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/doctor-philosophy-english-literature
RBHL 170
enggrad@asu.edu
480-965-3194

English (Writing, Rhetorics, and Literacies), PHD (LAENRHTPHD)
Online Degree Search Title: English (Writing, Rhetorics and Literacies), PhD
Campus: Tempe

Program Description:
The PhD in English with a concentration in writing, rhetorics and literacies promotes the study of rhetorical strategies, production, distribution and interpretation of oral, written, digital, visual, discursive, material and symbolic texts.

Students study the history, theories and methods of inquiry as well as pragmatic and social actions of writing, rhetoric and literacies. With theories and methods from both historical and contemporary contexts, students learn strategies for inquiry; the ways in which communication creates knowledge and action; and how communication is constructed, circulated, reacted to and repurposed over time and across space. Program requirements are designed to encourage a full understanding of theoretical and applied aspects of writing studies, rhetorical studies and literacy studies. Students also are provided many opportunities to explore the intersections and tensions that exist within and between the three different areas of inquiry.

The program encourages transdisciplinary study, and its flexible requirements enable students to pursue those aspects of the disciplines that interest them the most. The program prepares students for working lives as teachers, scholars and communications professionals.

Degree Requirements:
84 credit hours, a foreign language exam, a written comprehensive exam, a prospectus and a dissertation, or 84 credit hours, a foreign language exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

Concentration (9 credit hours)
ENG 551 Rhetorical Traditions (3)
ENG 552 Composition Studies (3)
ENG 556 Theories of Literacy (3)

Focus Area (9 credit hours)

Electives or Research (18 credit hours)
research methods (3)
electives (15)

Other Requirements (3 credit hours)
writing for publication/scholarly writing coursework (3)

Culminating Experience (12 credit hours)
dissertation (12)

Additional Curriculum Information
Students may be allowed 30 credit hours from a previously awarded master's degree as approved by the academic unit and the Graduate College. Students who do not hold a master's degree are required to take additional elective and research credit hours to reach the 84 credit hours required for this program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants with bachelor's or master's degrees in fields such as anthropology, applied linguistics, cognitive science, communication, comparative languages and literatures, English literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology,

religion, rhetoric, composition, sociology, and speech and hearing science will be considered.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Department of English website for specific details about English proficiency requirements.

In the well-considered, one- to two-page, single-spaced statement of purpose, applicants should explain how their experience and training have prepared them for the program. Applicants should indicate their career goals and explain how these goals relate to the program in writing, rhetorics and literacies. Applicants applying for funding must also submit a statement of teaching philosophy. Applicants should see the Department of English website for specific details.

Career Opportunities:
Professionals with expertise in written communication, research and knowledge management are in high demand across sectors and industries, including business, media, law, entertainment, politics, nonprofits and community organizations. Skills in the measurement and analysis of data for the development of multimodal (digital, print, oral, visual) content are valuable to businesses, organizations and institutions relying on data-driven strategies to address and communicate complex, knowledge-rich issues to broad professional audiences.

Career examples include:

- editor and content manager
- English or communications professor
- human resources specialist
- market research analyst
- public relations specialist
- publishing copyeditor or proofreader
- social media manager
- technical writer

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/phd-english-writing-rhetorics-and-literacies
RBHL 170
enggrad@asu.edu
480-965-3194

English Education, MA (LAENEDMA)
Online Degree Search Title: English Education, MA
Campus: Tempe

Program Description:
The MA in English education is a one-year, intensive program designed to prepare practicing and transitioning teachers for careers as exemplary educators, teacher-researchers and leaders in English language arts instruction.

Students in the program develop a deep understanding of the English language arts by learning how to access, analyze and apply research and best practices for teaching secondary students (grades 7-12). This program balances the refining of disciplinary knowledge with pedagogical application of that knowledge in classrooms. Students take a variety of dynamic, cutting-edge methods courses, including advanced methods courses in research in English education, methods of teaching writing and text, teaching postcolonial young adult literature and teaching writing in an era of standardization.

This innovative course of study culminates with an inquiry project related to English language arts instruction in secondary classrooms. The program empowers students to employ teacher research and inquiry to address questions they have about their own students' learning and their own teaching practice.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Secondary Education), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (ENG 593).

Required Core (12 credit hours)
ENG 501 Approaches to Research (3)
ENG 506 Methods and Issues in Teaching Language (3)
ENG 507 Methods and Issues in Teaching Composition (3)
ENG 606 Advanced Studies in English Education (3)

Electives or Research (12 credit hours)

Other Requirements (3 credit hours)
ENG 594 Conference and Workshop (3)

Culminating Experience (3 credit hours)
ENG 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in English, creative writing, English education, secondary education or secondary curriculum and instruction, or a master's degree in education or a closely related field from a regionally accredited institution. Current certification in secondary English language arts (grades 6-12), or equivalent certification, or a minimum of two years teaching English language arts in a school setting is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

The one- to two-page statement of purpose should explain the applicant's background, reasons for wanting to do graduate work in English education, and goals. Three academic or professional letters of recommendation are required, and at least one must be from a faculty member familiar with the applicant's academic work.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Recognize various qualitative and quantitative research methods as appropriate and effective means for pursuing specific lines of classroom-

based teacher inquiry and explain the pros and cons of a given methodological approach in terms of their classroom research.
  •Locate, analyze, and synthesize qualitative or quantitative teacher research studies specific to important issues in their own English language arts classrooms or schools.
  •Identify important educational issues they face in teaching English language arts, survey a variety of resources (i.e., research literature, expert opinion, and educational policy) and synthesize their learning into plans for best practice.
  •Interrogate their own pedagogical practices (i.e., curriculum and instruction, differentiation, English language learners, cultural responsiveness, assessment, digital/new literacies) in the teaching of English language arts (reading, writing, speaking, listening, use of language, technology) and make appropriate adaptations to best meet all students? needs.

Career Opportunities:
Careers for English education graduates include professions related to the field of secondary language arts and literacy education in secondary schools.

Career examples include:

 • curriculum development
 • dual enrollment teachers
 • faculty positions at colleges and universities
 • instructional leaders
 • literacy coaches
 • middle and high school English teachers
 • teacher leadership and research

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/master-arts-english-english-education
RBHL 170
enggrad@asu.edu
480-727-3135

Environmental Communication and Leadership (Certificate), Certificate (LAECLGRCT)

Online Degree Search Title: Environmental Communication and Leadership (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:
Scientists must go beyond publishing in journals if they want their research to be relevant to society. However, academic training rarely covers how to communicate with the press, the public, policymakers and other relevant stakeholders.

This certificate program in environmental communication and leadership gives graduate students in environmental disciplines the important leadership and communication skills needed to increase their influence and reach above and beyond academia.

Degree Requirements:
15 credit hours.

Required Core (3)
BIO 578 Environmental Leadership and Communication (3)

Electives (12)
policy and management (3)
communication (3)
leadership (3)
open elective (3)

Additional Curriculum Information
Students must choose three credit hours from each of the three categories with approval of the School of Life Sciences. If a student takes a course for fewer than three credit hours, the student must take more than one course in that category to meet the three-credit-hour requirement. Students should contact the School of Life Sciences for a complete list of courses.

Students choose one three-credit-hour elective course from any of the three categories above. Students should note that only three credit hours of approved 400-level coursework can appear on the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Sample related fields include business, education, biology, geosciences, political science and English.

Applicants must have completed 12 undergraduate credit hours of natural science or social science coursework related to the environment at the time of application to the graduate certificate program. They must meet all other graduate admissions requirements. Courses are reviewed by the School of Life Sciences graduate committee to ensure that they fulfill this requirement.

Career Opportunities:

Professionals skilled in communication as well as analytical and critical thinking are highly sought in public and private industry. Experience with conservation science, policy, management and leadership prepare graduates for careers in research, policy development, law and business management, among many others.

Career examples include:

  • attorney
  • ecologist
  • professor
  • research scientist
  • science journalist or communicator

Contact Information:

Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/environmental-communication-leadership-graduate-certificate
LSA 212
sols.grad@asu.edu
480-727-3109

Environmental Life Sciences, PHD (LAELSPHD)

Online Degree Search Title: Environmental Life Sciences, PhD
Campus: Tempe

Program Description:

The PhD in environmental life sciences is a novel graduate degree program that provides doctorate-level training in several complementary fields focused on the interactions between organisms (e.g., plant, microbe, people and other animals) and the environment.

This unique program provides opportunities to train across many fields of study, including:

  • biology
  • biochemistry and chemistry

- conservation science
- ecology
- evolution
- environmental engineering
- geosciences
- mathematics and statistics
- spatial sciences
- social sciences
- sustainability

Graduate students are trained by means of a core class taught by environmental life science faculty members, through hands-on experiences in the lab and field, with guidance from committee members across multiple disciplines, and in research seminars.

The focus is on collaborative, interdisciplinary and integrative study of the causes and consequences of environmental variation across scales ranging from the organism to the globe. The overall goal is to provide a unique, interdisciplinary doctoral program that encourages students to explore and solve complex problems in the context of natural and anthropogenic environmental change.

Administered by ASU's School of Life Sciences, seven additional schools participate in this interdisciplinary program to promote broad, collaborative training.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
ELS 501 Environmental Life Sciences: Grand Challenge: Global Climate Change (3)

Electives (69 credit hours)

Culminating Experience (12 credit hours)
ELS 799 Dissertation (12)

Additional Curriculum Information
ELS 501 is required for students to take during their first semester at ASU.

For electives, students should see the academic unit for approved coursework. Students also may take ELS omnibus courses to fulfill some of the elective requirements.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

Environmental life sciences addresses ecological, environmental, sociological or governance questions in a changing world. Graduates are prepared for a range of careers related to global environmental change, conservation and resource management, among others.

Career examples include:

- atmospheric and space scientist, professor, consultant or research director
- forestry and conservation science professor, consultant or research director
- climate change analyst, oceans and climate manager
- environmental compliance inspector, environmental engineer, environmental safety and health coordinator
- public health scientist
- insect ecologist and exhibits specialist
- operations research scientist
- research ecologist
- wildfire biologist

Contact Information:

Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/environmental-life-sciences-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Environmental Social Science, PHD (LAESSPHD)

Online Degree Search Title: Environmental Social Science, PhD
Campus: Tempe

Program Description:

The PhD program in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices is difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

- culture and the environment
- environmental hazards and vulnerability
- environmental justice
- human environment impacts
- political ecology
- science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

- archaeology
- community resources
- cultural and medical anthropology
- demography
- environmental history
- geographic information systems
- human and physical geography
- planning
- public affairs
- science and technology studies
- sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry or nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate degree program. This leaves 30 credit hours of coursework, 12 credit hours of research credit and 12 hours of dissertation credit (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on in the later stage of the doctorate degree program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may include in the application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Career Opportunities:
The demand in the job market is for people with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in this degree are increasingly sought for their broad, holistic knowledge and perspectives. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- planning communities
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change

Environmental Social Science (Complex Adaptive Systems Science), PHD (LAESSCPHD)

Online Degree Search Title: Environmental Social Science (Complex Adaptive Systems Science), PhD
Campus: Tempe

Program Description:
The PhD program in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices will be difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

- culture and the environment
- environmental hazards and vulnerability
- environmental justice
- human environment impacts
- political ecology
- science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

- archaeology
- community resources
- cultural and medical anthropology
- demography
- environmental history
- geographic information systems
- human and physical geography
- planning
- public affairs
- science and technology studies
- sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry and nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive systems perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students will become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)

Concentration (12 credit hours)

Electives or Research (21 credit hours)

Culminating Experience (12 credit hours)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives and research.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study and typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Students should see the academic unit for a complete list of approved electives and concentration courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement outlining educational and professional goals
  • current curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may include in their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Career Opportunities:

The demand in the job market is for people with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in this degree are increasingly sought for their broad, holistic knowledge and perspectives. Some career opportunities include:

  • analyzing and proposing policies
  • conducting postgraduate academic research
  • consulting for private and public organizations
  • curating cultural resources
  • directing nonprofit organizations
  • directing programs in the private or public sector
  • managing culture or heritage resources in private or public sectors
  • planning communities
  • teaching

Contact Information:

Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/environmental-social-science-phd/cass
SHESC 233
shesc.grad@asu.edu

480-965-6215

Environmental Social Science (Urbanism), PHD (LAESSURPHD)

Online Degree Search Title: Environmental Social Science (Urbanism), PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The PhD in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices will be difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

- culture and the environment
- environmental hazards and vulnerability
- environmental justice
- human environment impacts
- political ecology
- science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

- archaeology
- community resources
- cultural and medical anthropology
- demography
- environmental history
- geographic information systems
- human and physical geography
- planning
- public affairs
- science and technology studies
- sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry or in nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post admission.

Students entering without a master's degree must earn an additional 30 credit hours of graduate coursework, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate degree program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

All students entering the program complete 18 credit hours of core classes in conceptual domains and topical foci. For the concentration in urbanism, 15 credit hours are to be selected from an approved list of applicable courses related to urbanism. Some of the environmental social science core courses also count toward the concentration in urbanism. These courses include the core urbanism course GCU 516 as well as one course from each of the four urbanism clusters: built form, culture and society, institutions and governance, and natural environment.

Additional credit hours come from courses in research design, technical expertise and electives. Students may select from a substantial range of courses to satisfy noncore requirements.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit with their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Career Opportunities:
The demand in the job market is for people with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in this degree are increasingly sought for their broad, holistic knowledge and perspectives. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- planning communities
- teaching

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu
SHESC 233
shesc.grad@asu.edu
480-965-6215

Evolutionary Biology, PHD (LAEVOPHD)
Online Degree Search Title: Evolutionary Biology, PhD
Campus: Tempe

Program Description:

The evolutionary biology PhD is a transdisciplinary graduate degree program that provides doctorate-level training in the historical, conceptual, empirical and quantitative aspects of biological evolution.

Evolution is a fundamental scientific concept underlying all aspects of modern biological, environmental and health-related research. It cuts across biological sciences in ways that few other foci do and informs the theoretical foundations of subfields like population genetics and ecosystem ecology. It allows integration of information and patterns across levels of organization, informs the theoretical foundations of subfields ranging from population genetics to systematics to ecosystem ecology, and provides bridges between temporal and spatial scales.

Forgoing emphases on particular taxa or methods, the program focuses on understanding the patterns and processes that have shaped life on Earth and continue to do so, training the next generation of scientists to use this knowledge to meet present and future challenges to the biosphere and human health in the face of increasing environmental perturbation.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)
BIO 514 Statistical Models for Biology (4)
EVO 601 Principles of Evolution (3)
EVO 610 Research Areas of Evolution (2)

Electives (9 credit hours)
The program advisor as well as the student's advisor will determine these courses in conjunction with the student.

Other Requirements (54 credit hours)
research, coursework or 30 credit hours from a previously awarded master's degree

Dissertation (12 credit hours)
EVO 799 Dissertation (12)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related discipline, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
  • graduate admission application and application fee
  • official transcripts
  • academic record form
  • personal statement
  • curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
A PhD in evolutionary biology provides strong preparation for academic careers at every level from community colleges to research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies and for careers in industry and nongovernmental organizations.

Career examples include:

  • health care scientists in academic, private, and industrial labs
  • principal investigators in government labs and nonprofit organizations
  • professors or instructors in universities and colleges
  • science teachers in elementary and high schools

• wildlife, animal and conservation scientists

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/evolutionary-biology-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Evolutionary Medicine (Certificate), Certificate (LAEVMDGRCT)
Online Degree Search Title: Evolutionary Medicine (Graduate Certificate)
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
With rising need for health science-related skills and an aging population in the United States, innovations in health and medicine are in demand.

Evolutionary medicine is a new and burgeoning field situated between the life and social sciences that integrates the fields of genetics, medicine, global health, evolutionary biology and public health to transform understanding of disease and improve human health. Students that complete this certificate program learn how to integrate perspectives from across fields to answer questions about health and disease in the context of human life history.

Students are introduced to integrated approaches within the biological and social sciences that are capable of addressing an emerging, anticipated public need such as reemerging infectious disease, challenges with vaccines, the expansion of chronic disease and other growing public health crises.

Degree Requirements:
15 credit hours including the required capstone course (BIO 571).

Required Core (3 credit hours)
ASB 507/BIO 507 Advanced Evolutionary Medicine (3) or
ASM 503/BIO 510 Evolutionary Medicine and Global Health (3)

Restricted Electives in Anthropology (3 credit hours)
ASB 503 Medical Anthropology (3)
ASB 510 Health: Social and Biocultural Theories (3)

Restricted Electives in Biology (3 credit hours)
ASM 546/BIO 546 Principles of Human Genetics (3)
BIO 545 Populations: Evolutionary Genetics (3)
EVO 601 Principles of Evolution (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)
BIO 571 Evolutionary Medicine Capstone (3)

Additional Curriculum Information
Students choose one course from an approved list of electives or research courses and cannot choose courses already taken for required core or restricted electives in anthropology and biology. For restricted electives in anthropology and biology, students must choose one course from the list indicated for each subject.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the life or social sciences or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- professional resume
- written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The professional resume should demonstrate the applicant's skills and previous training.

The written statement should address future career goals to better assist the student with selection of the most applicable set of courses in evolutionary medicine.

International students who need an F1 or 1 J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
According to the Bureau of Labor Statistics, demand for health science-related careers is expected to grow 18% between 2016 and 2022. With an aging population in the United States and a pivot toward global health concerns, there is an increase in demand for health care services.

Health care professional programs have competitive admissions processes and students with a certificate in evolutionary medicine are able to set themselves apart from their peers with skills in problem-solving to address the integration of basic medical and public health science and practice. They also have a working knowledge of how evolutionary thinking influences medical and public health intervention and have the ability to apply an integrated conceptual framework to the problems of public health and medicine in order to produce more holistic outcomes for the improvement of human health.

Career examples include:

- anthropologists and sociologists
- biologists
- educators
- physicians, nurses, psychologists and psychiatrists
- public health professionals

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu
LSA 189
sols.advising@asu.edu
480-727-6277

Exploration Systems Design, MS (LAESDMS)
Online Degree Search Title: Exploration Systems Design, MS
Campus: Tempe

Program Description:
The MS program in exploration systems design promotes the development and growth of engineering-literate scientists and science-literate engineers. Its unique curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics.

Three concentrations are also offered for those who wish more specific training in instrumentation, systems engineering and sensor networks.

Degree Requirements:
30 credit hours including capstone course (SES 511).

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Electives or Research (22 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The U.S. Department of Labor predicts that the economy will add an additional 63,000 jobs in engineering fields related to systems engineering and exploration systems design (involving electrical and electronics, aerospace and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields: https://www.bls.gov/ooh/architecture-and-engineering/home.htm (https://www.bls.gov/ooh/architecture-and-engineering/home.htm).

The state of Arizona has a considerable presence from aerospace and other technology companies with high demand for skilled labor. In particular, local aerospace companies have high demand for students with direct experience and training in the space sector. This degree program is uniquely positioned to provide this training.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design, PHD (LAESDPHD)

Online Degree Search Title: Exploration Systems Design, PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The PhD program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide variety of demanding environments on the earth, planets, moons and in space.

This transdisciplinary degree program provides a unique platform to train systems engineers targeting technological development for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. Students must select a concentration as part of this degree program. Concentrations are available in instrumentation, systems engineering and sensor networks.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (70 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related filed to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES, or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admissions application and application fee
 • official transcripts
 • statement of purpose
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Instrumentation concentration:
An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Systems engineering concentration:
Successful completion of a senior capstone or design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Exploration Systems Engineering as a deficiency course.

Sensor networks concentration:
An undergraduate degree in electrical engineering or computer science is preferred.

Career Opportunities:
Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, environmental consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions relying on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in post-secondary education and research.

Career examples include:

- data scientist
- engineering professor
- project manager
- research engineer

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Instrumentation), MS (LAESDIMS)

Online Degree Search Title: Exploration Systems Design (Instrumentation), MS
Campus: Tempe

Program Description:
The MS program in exploration systems design with a concentration in instrumentation promotes the development and growth of engineering-literate scientists and science-literate engineers who are interested in the design, construction and implementation of scientific instrumentation. Its unique curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics. The concentration trains students to design the next generation of in-situ or remote sensing instrumentation for exploration of the Earth, space and the universe.

Degree Requirements:
30 credit hours including capstone course (SES 511).

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Concentration (9 credit hours)
AST 540 Astronomical Instrumentation and Data Analysis (3)
EEE 543 Antenna Analysis and Design (3)
EEE 545 Microwave Circuit Design (3)
EEE 548 Coherent Optics (3)
EGR 608 Advanced Simulation (3)
MAE 503 Finite Elements in Engineering (3)
MAE 557 Mechanics of Composite Materials (3)

Electives or Research (13 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
Students select three courses from the available concentration coursework.

For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- written statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

The U.S. Department of Labor predicts that the economy will add an additional 63,000 jobs in engineering fields related to instrumentation and exploration systems design (involving electrical and electronics, aerospace and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields. https://www.bls.gov/ooh/architecture-and-engineering/home.htm (https://www.bls.gov/ooh/architecture-and-engineering/home.htm)

The state of Arizona has a considerable presence from aerospace and other technology companies with high demand for skilled labor. In particular, local aerospace companies have high demand for students with direct experience and training in the space sector. The concentration in instrumentation is uniquely positioned to provide this training.

Contact Information:

Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)

Online Degree Search Title: Exploration Systems Design (Instrumentation), PhD
Campus: Tempe

Program Description:

The exploration systems design PhD program offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space.

This transdisciplinary degree program provides a unique platform to train systems engineers targeting technological development for exploration science. This is a collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering that allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. The instrumentation concentration prepares students in the development of state of the art sensors and systems for remote and in-situ sensing related to planetary science, earth science and astronomy.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admissions application and application fee
  • official transcripts
  • statement of purpose
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Career Opportunities:
Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions relying on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in post-secondary education and research.

Career examples include:

  • data scientist
  • engineering professor
  • instrument builder
  • machining specialist
  • project manager
  • research engineer

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission

ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Sensor Networks), MS (LAESDSNMS)

Online Degree Search Title: Exploration Systems Design (Sensor Networks), MS
Campus: Tempe

Program Description:
The MS program in exploration systems design with a concentration in sensor networks promotes the development and growth of engineering-literate scientists and science-literate engineers interested in the use of robotics, data science and other computational tools applied to science problems in Earth and space sciences.

Its unique curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics. The concentration program trains students to use modern computational tools to solve the some of the most complex science problems humanity faces.

Degree Requirements:
30 credit hours including Capstone Course (SES 511).

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Concentration (9 credit hours)
CEN 571 Hardware Acceleration and FPGA Computing (3)
EEE 507 Multidimensional Signal Processing (3)
EEE 511 Artificial Neural Computation (3)
EEE 515 Machine Vision and Pattern Recognition (3)
EEE 551 Information Theory (3)
MAE 547 Modeling and Control of Robots (3)

Electives or Research (13 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
Students select three courses from the available concentration coursework.

For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- written statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The U.S. Department of Labor predicts that the economy will add an additional 63,000 jobs in engineering fields related to systems engineering and exploration systems design (involving electrical and electronics, aerospace and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields. https://www.bls.gov/ooh/architecture-and-engineering/home.htm (https://www.bls.gov/ooh/architecture-and-engineering/home.htm)

The state of Arizona has a considerable presence from aerospace and other technology companies with high demand for skilled labor. In particular, local aerospace companies have high demand for students with direct experience and training in the space sector. The concentration in sensor networks is uniquely positioned to provide this training.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)
Online Degree Search Title: Exploration Systems Design (Sensor Networks), PhD
Campus: Tempe

Program Description:
The exploration systems design PhD program offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space. This transdisciplinary degree program provides a unique platform to train systems engineers targeting technological development for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. The sensor networks concentration prepares students in the development of networked software and hardware systems related to earth and space exploration, including robotics, data science and high-performance computing.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admissions application and application fee
- official transcripts
- statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

An undergraduate degree in electrical engineering or computer science is preferred.

Career Opportunities:

Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, environmental consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions relying on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in post-secondary education and research.

Career examples include:

- data scientist
- engineering professor
- instrument builder
- project manager
- research engineer
- sensor technologist

Contact Information:

Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Systems Engineering), MS (LAESDSEMS)

Online Degree Search Title: Exploration Systems Design (Systems Engineering), MS
Campus: Tempe

Program Description:

The MS program in exploration systems design with a concentration in systems engineering promotes the development and growth of engineering-literate scientists and science-literate engineers interested in the design, construction and implementation of next generation space missions and large projects.

Its unique curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics. The concentration trains students to design the next generation of large projects and space missions for exploration of the Earth, space and the universe.

Degree Requirements:

30 credit hours including Capstone Course (SES 511).

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Concentration (9 credit hours)
EGR 530 Principles of Systems Engineering (3)
EGR 608 Advanced Simulation (3)
EGR 611 Complex Engineering Systems (3)
IEE 573 Reliability Engineering (3)
MAE 547 Modeling and Control of Robots (3)
MAE 557 Mechanics of Composite Materials (3)
MAE 565 Rocket Propulsion (3)
MAE 587 Radiation Heat Transfer (3)

Electives or Research (13 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
Students select three courses from the available concentration coursework.

For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • written statement
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The U.S. Department of Labor predicts that the economy will add an additional 63,000 jobs in engineering fields related to systems engineering and exploration systems design (involving electrical and electronics, aerospace and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields: https://www.bls.gov/ooh/architecture-and-engineering/home.htm (https://www.bls.gov/ooh/architecture-and-engineering/home.htm).

The state of Arizona has a considerable presence from aerospace and other technology companies with high demand for skilled labor. In particular, local aerospace companies have high demand for students with direct experience and training in the space sector. The concentration in systems engineering is uniquely positioned to provide this training.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission

ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)

Online Degree Search Title: Exploration Systems Design (Systems Engineering), PhD
Campus: Tempe

Program Description:
The exploration systems design PhD program offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space.

This transdisciplinary degree program provides a unique platform for training systems engineers who are interested in developing technologies for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. The systems engineering concentration prepares students in the design, planning, creation and operation of complex exploration systems, including spaceflight and missions and large, multidisciplinary experiments.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate course catalog (GLG, SES or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements courses may be made per department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admissions application and application fee
- official transcripts
- statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Systems engineering concentration: Successful completion of a senior capstone or design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Exploration Systems Engineering as a deficiency course.

Career Opportunities:
Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions relying on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in post-secondary education and research.

Career examples include:

- data scientist
- engineering professor
- instrument builder
- project manager
- research engineer
- systems engineer

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Family and Human Development, MS (LAFAMHDMS)

Online Degree Search Title: Family and Human Development, MS
Campus: Online

Program Description:
The MS program in family and human development provides practitioner-oriented professionals with an understanding of relationships and developmental dynamics.

Students learn how to effectively evaluate and consume research, translate research into best practices, and apply these principles at work. They gain knowledge and skills necessary for promoting healthy individual and family development as they study the factors that promote successful relationships and positive outcomes for individuals, families and communities across the lifespan.

The online format provides easy access to rigorous and valuable information that informs best practices in improving the lives of families and family members. The program also includes a customizable culminating experience that allows students to focus their training in their areas of interest and work.

Degree Requirements:
30 credit hours including the required capstone course (FAS 588).

Required Core (9 credit hours)
CDE 531 Theoretical Issues in Child Development (3)
FAS 586 or SOC 586 Capstone I (3)
FAS 587 or SOC 587 Capstone II (3)

Electives or Research (18 credit hours)
FAS 500 Research Methods (3)
CDE 501 Social Statistics (3)
diversity course (3)
other elective coursework (9)

Culminating Experience (3 credit hours)
FAS 588 Capstone III (3)

Additional Curriculum Information

Students complete the coursework and culminating experience courses in consultation with the assigned faculty advisor. The plan of study should be completed and approved by the faculty advisor once completing 50% of the minimum required credit hours for the degree. Acceptance of the proposed plan of study must be verified by the signature of the chair and faculty advisor. After approval from the program or college, the plan of study is submitted to the Graduate College for final approval.

FAS 500 and CDE 501 may be replaced by equivalent courses with approval by the academic advisor.

The diversity course and other elective coursework are chosen with approval by the academic advisor. The remaining elective credits must be from the FAS, CDE or SOC prefixes.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of all undergraduate and graduate coursework
  • current resume or curriculum vitae
  • personal statement of goals relevant to the master's degree program
  • two letters of recommendation from professional or academic backgrounds
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must be four to five pages, double-spaced, and must address the applicant's professional goals, the applicant's strengths that will enable the applicant to succeed in the program, and relevant professional experience or responsibilities to the program.

Letters of recommendation must be from at least two academic or professional sources. Family members or friends do not meet this criterion. Applicants should see the program website for full application deadlines and admission terms and details.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-family-and-human-development/)

Career Opportunities:

Graduates often pursue careers in human, social and government agencies working with children, youth and adults in positions such as:

  • caseworker
  • children, youth and family services worker
  • community engagement specialist
  • community support program official
  • family support specialist
  • human service specialist
  • manager
  • nonprofit organization administrator
  • outreach coordinator

While the information students learn in this program could be beneficial to therapists and counselors, this degree does not enable students to seek licensure as a professional counselor or marriage and family therapist; that requires the completion of an additional program or degree.

Contact Information:

Liberal Arts and Sciences, The College of

Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/degree/graduate/ms-family--human-development
SS 144
graduatesanford@asu.edu
480-965-6978

Family and Human Development, PHD (LAFAMSCPHD)

Online Degree Search Title: Family and Human Development, PhD
Campus: Tempe

Program Description:
The PhD program in family and human development is devoted to the study of families, children and youth. The program's research, teaching and service have direct meaning in the lives of children and adults, and for the families and communities in which they live.

The faculty share a common commitment to high-quality research that both increases the basic understanding of human and family development and has the potential to contribute to the improvement of the lives of children and families.

Degree Requirements:
85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
FAS 503 Academic Professional Development (1)

Electives (40 credit hours)

Other Requirements (26 credit hours)
CDE 531 Theoretical Issues in Child Development (3)
FAS 500 Research Methods (3)
FAS 531 Theoretical Issues in Family Sciences (3)
FAS or CDE 598 Topic: Quantitative Methods in the Social Sciences I (3)
FAS or CDE 598 Topic: Quantitative Methods in the Social Sciences II (3)
FAS or CDE 598 Topic: Quantitative Methods I Lab (1)
FAS or CDE 598 Topic: Quantitative Methods II Lab (1)
two graduate-level courses in advanced methods or statistics (6)
one graduate-level diversity course (3)

Research (6 credit hours)
FAS or CDE 592 Research (6)

Culminating Experience (12 credit hours)
FAS or CDE 799 Dissertation (12)

Additional Curriculum Information
Postbaccalaureate (students entering after the bachelor's degree): Of the 85 credit hours for a postbaccalaureate program, six credit hours are dedicated to an empirical project and 12 credit hours are for the dissertation.

Post-master's (students entering after the master's degree): When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this credential. Of the 55 credit hours of the post-master's degree program, 12 credit hours are for the dissertation.

Electives should be chosen in consultation with and approval of the advisor. Electives may be selected within or outside of the Sanford School. All elective courses must be 500 level or higher.

Substitutions for all courses listed under other requirements may be made per department approval.

For the diversity course requirement, students should refer to the department for a list of approved courses.

For the advanced methods or statistics requirement, students take two courses with content that advances beyond Quantitative Methods I and II.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a resume or curriculum vitae
- statement of goals relevant to the doctoral program
- three letters of recommendation
- verbal, quantitative and analytical GRE scores
- proof of English proficiency

Additional Application Information:
An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score of at least 600 regardless of current residency.

The personal statement must be four to six pages, double-spaced, and address the applicant's professional goals, the applicant's strengths that will enable the applicant to succeed in the program, a detailed description of past research experience, relevant professional experiences or responsibilities, and specific personal research interests. The applicant also must identify two or three faculty members whose research interests match their own and explain why they are good matches.

Three letters of recommendation are required. These must include at least one from an instructor at the applicant's institution where undergraduate or graduate work was completed. The letters should be from people who know the applicant in a professional or academic capacity. Letters from family members or friends do not meet this criterion.

Students should see the program website for full application deadlines.

Career Opportunities:
Students in this program gain knowledge and skills necessary for promoting healthy individual and family development as they study the factors that promote successful relationships and positive outcomes for individuals, families and communities across the lifespan. Graduates often pursue careers working with children, youth and adults in human, social and government agencies.

Career examples include:

- community support program officials
- government agency administrators and professionals
- instructors
- nonprofit organization administrators
- research professionals

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/degree/graduate/phd-family--human-development
SS 144
graduatesanford@asu.edu
480-965-6875

Film and Media Studies, MAS (LAAMPCMAS)

Online Degree Search Title: Film and Media Studies, MAS
Campus: Online

Program Description:
Providing a comprehensive overview of film, television, videogames and other digital media across a range of texts and platforms, the MAS program in film and media studies develops students into more critically informed writers, teachers, storytellers and consumers of popular culture and media.

Delivered exclusively online, the program explores the aesthetic, industrial, social and cultural dimensions of U.S. media production within a dynamic, interactive and flexible learning environment.

Graduates of this program are able to analyze current and historic issues in connection with media texts, examine the cultural contexts of media production, and identify the economic, political, technological and social factors that influence media production and analysis.

Degree Requirements:
30 credit hours and a written comprehensive exam.

Required Core (9 credit hours)
FMS 504 Film Analysis (3)
FMS 510 Digital Media Studies (3)
FMS 520 Cultural History of US Television: Theory and Method (3)

Electives (21 credit hours)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Information
The program consists of nine credit hours of core courses, 21 credit hours of electives and a written comprehensive exam. Students should review the webpage and then consult the director.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • resume or curriculum vitae
  • letters of recommendation (optional)
  • application essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

The two-page statement of purpose should describe past academic work, reasons for pursuing the Master of Advanced Study, and the skills that prepare the applicant for this degree.

Applicants are asked to write and submit a three-page essay that assesses their knowledge of media theory and critical analysis skills. The subject of the essay is given in the online application. Applicants should demonstrate the ability to write well and construct a persuasive critical argument. Appropriate secondary sources should be used in this essay.

While letters of recommendation are optional, applicants may include two or three letters in their application. Recommenders should be former teachers or supervisors, addressing the applicant's academic performance, motivation and character.

An interview via Skype may be requested before final admission decisions are made.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-american-media-and-popular-culture/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze the cultural, economic, political, and technological factors that influence media production, reception, and analysis.
- Engage theory and apply key concepts in film and media studies.
- Identify, evaluate, and integrate appropriate primary and secondary sources in relation to the study of media

Career Opportunities:

Media industries are sources of ever-increasing opportunities for graduates. The Master of Advanced Study in film and media studies provides students with a set of valuable skills that lead to numerous employment opportunities in fields including education, academia, journalism, communications, research and media consulting. There is also more need for media studies experts in every major industry, with media presence being a requirement in today's society. Every industry and company has media departments with specialists in media policy, strategy, research, marketing, social media and branding.

Career examples include:

- archivist
- branding strategist
- educator
- media buyer
- media critic
- media industry journalist
- media researcher
- political media strategist
- producer
- public relations expert
- social media strategist
- teacher

Contact Information:

Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission
RBHL 170
enggrad@asu.edu
480-965-7454

French (Comparative Literature), MA (LAFRECLMA)

Online Degree Search Title: French Comparative Literature, MA
Campus:

This program is not currently accepting applications.

Program Description:

The MA in French comparative literature provides students with an opportunity to develop an advanced knowledge of French and of Francophone and other world literatures, histories and major works. Students also develop a sound knowledge of the traditions, aims and methods of scholarly research in the field.

Degree Requirements:

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam.

Graduate students may take only 500-level courses for graduate credit. At least nine credit hours must be selected from those courses listed exclusively for graduate students. The program must include:
- FRE 500 Research Methods (3)
- two courses in linguistics, civilization or translation, of which one course must be in linguistics
- one course in critical or cultural theory

It is recommended that the candidate enroll in FRE 500 as early as possible.

A minimum of four core courses offered by the French section must be selected from any combination of the following categories:

- Francophone studies courses
- genre courses
- period courses

When approved by the graduate committee, up to six credit hours of related coursework may be taken outside of French.

A student must achieve a grade of "B" (scale is 4.00 = "A") or higher in all work specifically included in the plan of study. Grades below a "C" (2.00) cannot be used to meet the requirements of a graduate degree. No student may accumulate more than one incomplete at any one time.

Independent study courses are given only under exceptional circumstances and do not duplicate courses which are available. The French graduate committee is responsible for authorizing such work in cooperation with the individual professor. No more than three credit hours of independent study is permitted.

Students must complete an applied project.

The written examination for the concentration in comparative literature is administered by the interdepartmental committee for comparative literature and consists of two essay-based components: general concepts of comparative literature and problems of comparative literature.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • writing sample
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample should represent the applicant's thinking as well as writing skills, and it should be written in French on a topic connected with the language or French culture. The writing sample should be approximately five to 10 pages in length.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

Career Opportunities:
Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

  • teachers and professors of area, ethnic and cultural studies
  • editors
  • foreign language and literature teachers and professors
  • historians
  • interpreters and translators
  • lawyers
  • reporters and correspondents
  • social and community service managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-french-comparative-lit

DH 318
silc@asu.edu
480-965-6281

French (Linguistics), MA (LAFRELINMA)

Online Degree Search Title: French Linguistics, MA
Campus:

This program is not currently accepting applications.

Program Description:
The MA in French linguistics provides students with the opportunity to develop an advanced knowledge of current linguistic theory as it applies to French as well as a sound grounding in the tools necessary to carry out linguistic research.

Degree Requirements:
30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam.

The plan of study for the master's degree includes:
- an applied project
- a minimum of 30 credit hours of graduate-level work as approved by the candidate's supervisory committee
- a 500-level bibliography and research methods course offered by the department
- in some programs, six credit hours in another language or in closely related courses (when approved by the candidate's supervisory committee)

All candidates are required to pass a comprehensive written examination designed to evaluate the candidate's knowledge in the area of specialization. A reading list as agreed upon serves as a guide to prepare for this examination.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

The writing sample should represent the applicant's thinking as well as their writing skills, and it should be written in French on a topic connected with the language or French culture; it should be approximately five to 10 pages in length.

Career Opportunities:
Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

- teachers and professors of area, ethnic and cultural studies
- editors

- foreign language and literature teachers and professors
- historians
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-french-linguistics
DH 318
silc@asu.edu
480-965-6281

French (Literature), MA (LAFRELITMA)

Online Degree Search Title: French Literature, MA
Campus:

This program is not currently accepting applications.

Program Description:
The MA program in French literature provides students with an opportunity to develop an advanced knowledge of French and Francophone literature, its history and major works, as well as a sound knowledge of the traditions, aims and methods of scholarly research in the field.

Degree Requirements:
30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam.

The plan of study for the master's degree includes:
- an applied project
- a minimum of 30 credit hours of graduate-level work, as approved by the candidate's supervisory committee
- a 500-level bibliography and research methods course offered by the department

When approved by the candidate's supervisory committee, six credit hours in another language or in closely related courses may be included in the program.

All candidates are required to pass a comprehensive written examination designed to evaluate the candidate's knowledge in the area of specialization. A reading list, as agreed upon, serves as a guide to prepare for this examination.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

The writing sample should represent the applicant's thinking and writing skills, and it should be written in French on a topic connected with the language or French culture; it should be approximately five to 10 pages in length.

Career Opportunities:
Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

  • editors
  • foreign language and literature teachers and professors
  • historians
  • interpreters and translators
  • lawyers
  • reporters and correspondents
  • social and community service managers
  • teachers and professors of area, ethnic and cultural studies

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-french-literature
DH 318
silc@asu.edu
480-965-6281

Gender Studies, PHD (LAGSTPHD)

Online Degree Search Title: Gender Studies, PhD
Campus: Tempe

ASU is not currently accepting applications for this program. The next round of applications will be accepted for Fall 2023. Interested students should check back for updates.

Program Description:
The PhD program in gender studies is part of the nation's first School of Social Transformation. The inclusive gender studies doctoral program empowers tomorrow's community leaders by immersing them in:

  • ASU's on-campus Digital Humanities research lab
  • creative and critical knowledge production
  • deep fluency in feminist theory and practical applications
  • publicly engaged academic research
  • socially embedded community partnerships

The connections between social locations, community and lived experience are the foundation of the research, teaching and community engagement. Faculty and students explore these intersections from a holistic perspective that goes beyond the classroom.

Focus areas within the Gender Studies program include:

Gender, Justice and Social Change --- Courses in this area explore the gender dimension of social structures, institutions and organizations; the processes of social change and community development; and the ways policies and laws can change gender relations. Students can choose to specialize in:

  • child welfare
  • domestic violence
  • globalization
  • immigration
  • labor and employment
  • social policy
  • sustainability
  • transnational feminisms

- women's rights, sexuality and gender equality in the Global South

Health, Science and Technology --- Courses in this area explore the impact of gender on health care, health occupations, science and technology and health, science and technology policy. Students can choose to specialize in:

- adolescent pregnancy and parenting in the Global South
- bioethics
- gender and technology
- health and sexuality
- HIV and AIDS prevention

Visual and Narrative Culture --- Courses in this area explore historical and contemporary representations of gender in all genres, including art, literature, popular culture, scientific, medical, historical and legal discourse, and theater and performance. Students can choose to specialize in:

- affect theory
- intersections of gender representations with representations of race, sexuality, disability and class
- literary theory
- literature, theatre and performance, film, music and media
- performance theory
- queer of color critique
- representation as discourse

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
WST 601 Critical Concepts of Gender (3)
WST 602 Mapping the Intersections of Gender (3)
WST 603 Engendering Methodology (3)
WST 701 Research Design and Proposal Development in Gender Studies (3)

Elective Coursework in Methodology (6 credit hours)

Elective Coursework in Specialization (12 credit hours)

General Electives (30 credit hours)

Research and Dissertation (24 credit hours)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Students should see the academic unit for a complete list of approved electives.

Students must maintain an average GPA of 3.50 (scale is 4.00 = "A") in their courses.

The gender studies doctoral program is designed to provide students with the transdisciplinary training in theory and methods needed to conduct original research and scholarship about gender. Thus, students also take two research methods courses relevant to their dissertation chosen in consultation with their faculty advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

The gender studies program welcomes applications from qualified students without regard to race, creed, color, religion, sex or national origin. Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official copies of all undergraduate and graduate transcripts
  • resume or curriculum vitae
  • statement of purpose
  • three letters of reference, preferably from faculty or other researchers
  • writing sample (10 to 15 pages)
  • proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the ASU Graduate Admission Services website for mailing addresses and further admission information.

For additional financial information, students should consult the Financial Aid and Scholarship Services website at https://students.asu.edu/financial-aid (https://students.asu.edu/financial-aid).

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Integrate and apply the core theories of gender in the field of Women and Gender Studies.
  •Examine and apply intersectionality as a foundational framework in the field of Women and Gender Studies.
  •Evaluate and apply core methodologies in the field of Women and Gender Studies.

Career Opportunities:
Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

Gender Studies (certificate), Certificate (LAWSTGRCT)
Online Degree Search Title: Gender Studies (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in gender studies offers graduate students the opportunity to enhance their advanced degrees with demonstrated proficiency and knowledge about gender research and theories that they may apply in their own fields.

The certificate is pursued in tandem with any graduate degree program at ASU.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
WST 601 Critical Concepts of Gender (3)
WST 602 Mapping the Intersections of Gender (3)

Electives (9 credit hours)

Additional Curriculum Information
Elective courses may be chosen from other WST graduate courses or from more than 30 approved courses from other departments throughout the university. Other courses may also be used with the graduate director's approval.

Up to six credit hours not used for another ASU degree or certificate can be transferred from another university, with the graduate director's

approval. Courses should be recorded on the transfer section of the student's interactive program of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The certificate is not offered as a stand-alone, certificate-only program. It is open only for degree-seeking students. However, up to nine credit hours of ASU nondegree credit can be transferred into the program for those who eventually gain admission into an ASU graduate degree program.

Students should see the program website for more information about the certificate and to design coursework.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Gain an understanding of the key concepts, theoretical frameworks, interdisciplinary approaches & critical debates that have shaped the field of gender studies.
- Gain an understanding of theoretical concepts, metaphors & frameworks employed by feminist scholars to understand the way gender articulates with other categories of difference

Career Opportunities:

Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact Information:

Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

Geographic Education, MAS (LAGEOEDMAS)

Online Degree Search Title: Geographic Education, MAS
Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program Description:

The MAS program in geographic education provides teachers with the opportunity to obtain specialized experience in geographic pedagogy. The degree program is intended for K--12 teachers and is appropriate for both elementary and secondary school teachers.

Degree Requirements:

30 credit hours and an applied project.

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Geography Coursework (24 credit hours)

Culminating Experience (3 credit hours)
DCI 593 Applied Project (3) or
SED 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

Students are required to have access to a computer with an Internet connection and the capability to view video and animated files with sound, access to email, and access to a word processing program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in education, geography or related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. One letter must be from a former instructor.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geographic Information Science, PHD (LAGISPHD)
Online Degree Search Title: Geographic Information Science, PhD
Campus: Tempe

Program Description:
The PhD program in geographic information science fosters training of next generation scientists and engineers who will excel at theoretical, computational, analytical and technical knowledge in transdisciplinary geospatial sciences.

Students in this doctoral program have the opportunity to conduct research at the Spatial Analysis Research Center alongside world-renowned faculty specializing in remote sensing and earth observation, GIS, geoinformatics, spatial statistics and spatial-temporal analysis. Researchers are investigating a variety of issues, including voting habits, health crises, altering landscapes and more --- all in an attempt to better understand this complex and changing world.

The program has sufficient flexibility to allow for individual needs and interests, allowing students to create a plan of study that fits their personal, academic and professional goals.

Degree Requirements:
84 credit hours,a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
GIS 520 GIScience Issues and Debates (3)
GIS 521 Geographic Information Science Programming (3)
GIS 571 Spatial Statistics for Geography and Planning (3)
GCU 585 Geographic Research Design and Proposal Writing (3)

Electives or Research (55 credit hours)

Remote Sensing (3 credit hours)

Other Requirements (2 credit hours)
GCU 591 or GPH 591 Seminar: Geography Colloquium (2)

Culminating Experience (12 credit hours)
GIS 799 Dissertation (12)

Additional Curriculum Information
Students select electives, remote sensing and other requirements seminar coursework in consultation with their academic advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in geography, geology, earth science, computer programming, GIS, environmental science, geomatics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • written statement
 • professional resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should be from academic professionals or professional colleagues capable of evaluating the applicant's abilities, accomplishments and professional potential.

The written statement must address the following questions:

 • What area of specialization within GIS do you wish to pursue, and why?
 • Describe the aspects of your education that will enable you to pursue this area of specialization.
 • What additional training do you feel you can obtain at Arizona State University to realize your education and career goals?

Also in the written statement, applicants should provide any other information (for example: research experience or information which might be drawn from a resume) that they feel the committee should consider in the application for admission.

The written statement should be no longer than two pages. A generic statement, often sent to multiple universities, does not substitute for a statement that addresses the applicant's reasons for applying to this doctoral program in geographic information science.

Career Opportunities:
Professionals with expertise in geospatial information science research, theory and practice are in high demand across sectors and industries, including in institutions of higher education, consulting firms and government agencies. Skills in geographical data science, mapping and data analysis are valuable to businesses and institutions that rely on data-driven approaches to solve complex real-world problems.

Career examples include:

- computer scientist
- conservation scientist
- geoscientist
- geospatial information scientist or technologist
- geospatial intelligence analyst
- remote sensing scientist or technologist

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees/phd-gis
COOR 5th floor
SGSUP.gradprograms@asu.edu
480-965-8733

Geographic Information Science (certificate), Certificate (LAGEOGISCE)

Online Degree Search Title: Geographic Information Science (Graduate Certificate)
Campus: Tempe

Program Description:
Geographic information scientists have the ability to not only map out information but to provide a deeper understanding of the world and the human interactions in it. By combining the disciplines of computer science, statistics and geography, geographic information sciences, experts can help answer the what, where, why and how questions that span areas of interest in many industries.

The geographic information sciences certificate program teaches students the theoretical aspects of GIS, the technical side of the discipline and applications of the science. Students learn how to analyze policy problems and research questions from a spatial lens, acquire and analyze remotely sensed data, and model spatial phenomenon.

Skills in geographic information science and geospatial data analytics offer students market-ready tools for turning novel sources of spatial data into informed practice and prepare students to address issues such as climate change, population growth and aging and active transportation. The certificate program enables ASU graduate students from all disciplines and GIS professionals to learn how to apply GIS concepts and technology to solve complex problems, a valuable skill across multiple disciplines and sectors.

The certificate is intended as either a specialization within an existing master's degree or a stand-alone nondegree program for practicing professionals with a previously earned graduate degree.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
PAF 571 Geographic Information Systems (GIS) and Analysis (3) or
PAF 576 GIS Workshop (3)

Electives (6 credit hours)

Other Requirements (6 credit hours)
ABS 485 GIS in Natural Resources (3)
GIS 521 Geographic Information Science Programming (3)
GIS 561 Fundamentals of Spatial Optimization (3)
GIS 562 Location Analysis and Modeling (3)

GIS 563 Local Statistical Modeling (3)
GIS 571 Spatial Stats for Geography and Planning (3)
GIS 591 Seminar: Data Mining and Data Driven Geography (3)

Additional Curriculum Information
Students select one of the required core courses for a total of three credit hours.

Two of the other requirement courses are selected from the list above for a total of six credit hours; other courses may be substituted with approval from the program director. The program recognizes that other graduate-level courses on GIS are offered at ASU. Advanced courses are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their certificate curriculum with approval of the program director.

Students select two three-credit hour elective courses for a total of six credit hours in consultation with the program director.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they are currently pursuing a master's degree at ASU or have earned a master's degree and are currently practicing professionals.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The personal statement must be a one-page letter describing the applicant's overall objective for the GIS certificate program. It should clearly state the applicant's interest in GIS and provide evidence that the certificate will enhance the applicant's education or current employment.

Currently practicing professionals must submit a final transcript from the master's degree-granting institution.

Career Opportunities:
Professionals with expertise in geospatial information science are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in geographical data science, mapping and geospatial analysis are valuable to businesses and institutions relying on data-driven approaches to solve complex real-world problems.

Career examples include:

• cartographer or photogrammetrist
• geographic information systems technician
• geospatial information scientist or technologist
• geospatial intelligence analyst
• mapping technician
• remote sensing scientist or technologist

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/giscert
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geographic Information Systems, MAS (LAGISMAS)

Online Degree Search Title: Geographic Information Systems, MAS
Campus: Tempe

Program Description:
The MAS in geographic information systems is a compact, one-year degree program fostering advanced study in the management and use of GIS technology in public and corporate environments. The degree program meets important educational needs of working professionals and recent college graduates seeking to improve their career standing. The program provides a comprehensive professional program that balances work in the theoretical and technical aspects of GIS with the applications domain. Students are exposed to innovative technology with a focus on building invaluable problem-solving skills, and the opportunity to work on real-world GIS projects.

The program places the focus on location --- the heart of geography and GIS. From that foundation, students learn advanced modeling solutions in GIS and Earth-observing as well as how to integrate computer science, statistics and geography to address a multitude of questions.

Small class sizes ensure quality attention from the faculty, and classes are held in the evening during the week, allowing flexibility for the working professional. The degree is achievable in a one-year time period. A new cohort begins the program each August, with students attending evening classes during the fall and spring semesters. Upon completion of the spring semester, students select a project to complete during a summer eight-week session. Final presentations take place in mid-July, and in fewer than 11 months the degree program is complete.

Degree Requirements:
30 credit hours including the required applied project course (GPH 693 or GIS 693).

Required Core (24 credit hours)
GIS 601 Introduction to Geographic Information Systems (2)
GIS 602 Intermediate GIS (2)
GIS 603 Spatial Statistics and Modeling (2)
GIS 604 Implementation in the Corporate and Public Sectors (2)
GIS 605 GIS Project Planning and Implementation (2)
GIS 606 GIS Project Presentation (2)
GIS 610 Programming the GIS Environment (3)
GIS 630 GIS Technologies (3)
GIS 640 GIS for Business (3)
GIS 650 GIS for the Internet (3)

Other Requirement (3 credit hours)
GIS 684 Internship (3)

Culminating Experience (3 credit hours)
GIS 693 Applied Project (3) or
GPH 693 Applied Project (3)

Additional Curriculum Information
Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field from a regionally accredited institution or if they demonstrate a minimum of three years related professional experience with a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must prepare a formal, written personal statement regarding relevant academic experience, professional experience and overall interest in GIS.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements. Letters can be from any combination of current or former instructors, supervisors or professionals currently employed within the GIS or related discipline.

Career Opportunities:

Professionals with expertise in geospatial information science are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in geographical data science, mapping and data analysis are valuable to businesses and institutions relying on data-driven approaches to solve complex real-world problems.

Students prepare for careers in private and public industry in which employees with these skill sets are needed for a wide range of positions, such as software developers, GIS analysts, mapping engineers, real estate researchers and more. Additional career examples include:

- cartographer or photogrammetrist
- geospatial information scientist or technologist
- geospatial intelligence analyst
- mapping technician
- software developer
- remote sensing scientist or technologist

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees/master-gis
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geography, MA (LAGEOGMA)

Online Degree Search Title: Geography, MA
Campus: Tempe, Online

Program Description:

The MA in geography program is designed to offer specialized academic and professional training in geography so students may secure a sound graduate background for further specialization or for immediate employment. The program has sufficient flexibility to allow for individual needs and interests, allowing students to create a plan of study that fits their personal and professional goals.

In addition to innovative coursework, the state-of-the-art research centers Spatial Analysis Research Center and Urban Climate Research Center offer students the opportunity to work with exceptional faculty on diverse research projects. Students have the opportunity to work alongside some of the brightest minds in geography, including four members of the National Academy of Sciences and rising talent in the fields of urban heat island research, GIS and more.

Students earning the Master of Arts in geography have the ability to build a path of knowledge that reflects their personal interests within the realms of geography. Students benefit from a wide variety of coursework and research opportunities in four broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

- computational spatial science
- earth systems and climate science
- place, identities and culture
- sustainability science and studies

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, BA
Geography, BS
Geography (Meteorology-Climatology), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required capstone course (GPH 597).

Required Core (3 credit hours)
GCU 585 Geographic Research Design and Proposal Writing (3), or
GCU 596 Geographic Research Methods (3)

Other Requirement (8 credit hours)
GCU 528 Geographic Problems and Context (3) or GCU 529 Contemporary Geographic Thought (3)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)
methods and statistics course (3)

Electives (13 or 16 credit hours)

Culminating Experience (3 or 6 credit hours)
GCU 599 Thesis (6) or GPH 599 Thesis (6)
GPH 597 Geography Capstone (3)

Additional Curriculum Information
Coursework and research hours are selected by the student in consultation with an advisory committee. The program recognizes that other graduate-level courses are offered at ASU. Advanced courses are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their curriculum with approval of the program directors.

The other requirement course, S: Geography Colloquium, is taken twice, once in each of the first two semesters of the program, for one credit hour each time. Other courses may be used with approval of academic unit. For the methods and statistics course requirement, students should consult with the academic unit for eligible courses.

Students take 13 credit hours of electives for the thesis culminating experience option and take 16 credit hours of electives for the non-thesis option.

Up to six credit hours of 400-level coursework may be applied toward the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must address three items:*
  • What specialty in geography does the applicant wish to pursue, and why?
  • What aspects of the applicant's education (a description is needed) will enable the student to pursue this specialty?
  • What additional training does the applicant believe can be obtained at Arizona State University to realize the applicant's educational and career goals?

*Applicants also should provide any other information they feel should be considered in their application for admission, e.g., research experience or information which might be drawn from the applicant's resume.

Letters of recommendation must be from three faculty members who can attest to the applicant's academic achievements.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/geography-masters/)

Career Opportunities:
Professionals with expertise in geographical sciences research, theory and practice are in high demand across sectors and industries, including consulting firms, government agencies, community organizations and public and private research facilities. Skills in geographical data analysis, mapping and climate science are valuable to businesses and institutions relying on research-based approaches to solve complex real-world problems.

Some graduates of the program continue on to pursue doctoral degrees.

Career examples include:

  • environmental scientist or specialist
  • geographic information systems technician
  • geological materials technician
  • geophysical data technician
  • geoscientist
  • geospatial information scientist or technologist

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees/master-geography
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geography, PHD (LAGEOGPHD)

Online Degree Search Title: Geography, PhD
Campus: Tempe

Program Description:
The specialized academic and professional training students receive in the PhD program in geography is sound graduate background for further specialization or for immediate employment. The program has sufficient flexibility to allow for individual needs and interests, allowing students to create a plan of study that fits their personal and professional goals.

In addition to innovative coursework, the state-of-the-art Spatial Analysis Research Center and Urban Climate Research Center offer students the opportunity to work with exceptional faculty on diverse research projects. Students have the opportunity to work alongside some of the brightest minds in geography, including four members of the National Academy of Sciences and rising talent in the fields of climate science, sustainability and environmental science, urban heat island research, GIS and more.

Students in the program have the ability to build a path of knowledge that reflects their personal interests within the realms of geography. Students benefit from a wide variety of coursework and research opportunities in four broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

  • computational spatial science
  • earth systems and climate science
  • place, identities and culture

• sustainability science and studies

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
GCU 585 Geographic Research Design and Proposal Writing (3)

Electives or Research (43 credit hours)

Methods or Statistics Electives (6 credit hours)

Skills Electives (6 credit hours)

Specialization Electives (9 credit hours)

Other Requirement (5 credit hours)
GCU 529 Contemporary Geographic Thought (3)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)

Culminating Experience (12 credit hours)
GCU or GPH 799 Dissertation (12)

Additional Curriculum Information
Doctoral students entering with a bachelor's degree must complete 84 credit hours. These hours include 72 credit hours of coursework and research at ASU and 12 dissertation credit hours.

Doctoral students entering with a master's degree must complete 54 credit hours. These include 42 credit hours of combined coursework and research hours at ASU and 12 dissertation credit hours.

Coursework and research hours are selected by the student in consultation with an advisory committee. The program recognizes that other graduate-level courses are offered at ASU. Advanced courses are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their curriculum with approval of the program directors.

The other requirement course, S: Geography Colloquium, is taken twice, once in each of the first two semesters of the program, for one credit hour each. Other courses may be used with approval of academic unit.

Up to six credit hours of 400-level coursework may be applied toward the plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Incoming students must demonstrate or attain competence in cartography and quantitative methods and complete other basic coursework that will enable them to pursue graduate studies in their area of specialization.

The personal statement must address four items:
   • What specialty in geography does the applicant wish to pursue, and why?
   • What aspects of the applicant's education (a description is needed) will enable the student to pursue this specialty?
   • What additional training does the applicant believe can be obtained at Arizona State University to realize the applicant's educational and career goals?
   • Applicants should provide any other information they feel should be considered in their application for admission, e.g., research experience or information which might be drawn from the applicant's resume.

Letters of recommendation must be from three faculty members who can attest to the applicant's academic achievements.

Career Opportunities:
Professionals with expertise in geographical sciences research, theory and practice are in high demand across sectors and industries, including institutions of higher education, consulting firms, government agencies, research facilities and community organizations. Skills in geographical data analysis, mapping and climate science are valuable to businesses and institutions relying on research-based approaches to solve complex real-world problems.

Career examples include:

   • environmental scientist or specialist
   • geographic information systems technician
   • geophysical data technician
   • geoscientist
   • geospatial information scientist or technologist
   • postsecondary atmospheric, earth, marine or space sciences teacher

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees/phd-geography
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geological Sciences, MS (LAGEOSCMS)

Online Degree Search Title: Geological Sciences, MS
Campus: Tempe

Program Description:
The MS program in geological sciences is designed to provide fundamental graduate training in geology. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system.

Degree Requirements:
30 credit hours and a thesis.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (22 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (6 credit hours)
SES 599 Thesis (6)

Additional Curriculum Information
Substitutions for courses listed as other requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
  • graduate admissions application and application fee
  • official transcripts
  • statement of purpose
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should see the program website for application deadlines.

Career Opportunities:
Graduates of the program are prepared for further graduate study or for careers in geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

Professionals with expertise in geological sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, economic geology (oil and mining industries), environmental consulting, hazard and risk assessment, geophysics, and planetary science. Coding and numerical modeling skills translate across many domains, even beyond geosciences. Skills in the measurement and analysis of data related to the physics, chemistry and structures of the Earth and of planetary systems are valuable to businesses and institutions relying on data-driven strategies to interact with the planet and explore beyond the Earth.

Career examples include:

  • data scientist
  • environmental consultant
  • GIS or mapping specialist
  • materials analyst
  • planetary scientist
  • research geologist

Some students go onto doctoral programs in the field of geological sciences.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Geological Sciences, PHD (LAGEOSCPHD)
Online Degree Search Title: Geological Sciences, PhD
Campus: Tempe

Program Description:
The PhD program in geological sciences is designed to develop creative scholarship in the terrestrial and planetary geosciences. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (70 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Substitutions for courses listed as other requirements may be made per department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admissions application and application fee
 • official transcripts
 • statement of purpose
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The geological sciences doctoral program prepares students for academic and professional careers in geological science fields such as geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

Professionals with expertise in geological sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, environmental consulting, economic geology (oil and mining industries), hazard and risk assessment, geophysics and planetary science. Coding and numerical modeling skills translate across many domains, even beyond geosciences. Skills in the measurement and analysis of data related to the physics, chemistry and structures of earthly and planetary systems are valuable to businesses and institutions that rely on data-driven strategies to interact with the planet and explore beyond the Earth. The doctoral degree in geological sciences is required for careers in post-secondary education and research.

Career examples include:

 • data scientist
 • environmental consultant
 • geologist
 • geosciences professor
 • instrument builder
 • planetary scientist
 • program manager
 • research scientist

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795

sese-prospectivegrads@asu.edu
480-965-5081

German, MA (LAGERMMA)

Online Degree Search Title: German, MA
Campus: Tempe

This program is not currently accepting applications.

Program Description:
The MA program in German offers students professional training in German linguistic, literary and cultural studies through courses and supervision of research culminating in an applied project or thesis.

In consultation with their advisor, students arrange their coursework around one of three focus areas: literature, comparative literature, or language and culture. The program is designed to equip students to become independent and creative professionals as they broaden their knowledge of Germany as one of the world's leading economies, cultural contributors and human rights advocates.

This program is from the School of International Letters and Cultures.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (GER 593).

The plan of study for the master's degree includes a minimum of 30 credit hours of graduate-level work and a thesis or an applied project, as approved by the candidate's supervisory committee. The program must include a 500-level bibliography and research methods course offered by the school. When approved by the candidate's supervisory committee, nine credit hours in another language or in closely related courses may be included in the program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in German from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • resume or curriculum vitae
  • writing sample
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Those who lack this background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

The writing sample should represent the applicant's thinking as well as their writing skills, and it should be written in German on a topic pertaining to the German language or culture.

Career Opportunities:
Professionals with the valued skills developed through this degree program can confidently move into academic, business, diplomatic, government and international fields.

Career examples include:

- area, ethnic and cultural studies teachers and professors
- foreign language and literature teachers and professors
- historians
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-german
DH 318
silc@asu.edu
480-965-6281

Global Health, MA (LASSHMA)

Online Degree Search Title: Global Health, MA
Campus: Tempe

Program Description:
In this MA program, global health is considered to be much more than and very different from international public health. It emphasizes that major health challenges stem from many factors well beyond disease itself --- factors that are cultural, ecological, evolutionary, historical, institutional, social and technological.

Any effective, sustainable solutions to the most pressing global health challenges need to take all of these factors into account, including the complex ways in which they relate to each other. In this manner, this degree program teaches students to understand health as not simply a product of disease but rather emerging in the contexts of complex and interrelated ecology, politics, history, culture, social institutions and evolutionary biology. It also places primacy on how to address the broader bases (i.e., structural, cultural) of ill health in complicated, ever-changing health challenges in low-resource community settings and a globalizing world. To do this, the program combines both social and life science theories with on-the-ground research and its application. There is a strong emphasis on collaborative action as key to identifying and addressing global health problems in a sustainable and meaningful way.

Students accepted into the program are tied to ongoing transdisciplinary global health projects that address complicated, multifaceted health challenges that defy easy fixes, such as climate change-related diseases, emerging infectious diseases and obesity.

By applying a collaborative, problem-solving format, the master's degree program in global health is intended to provide those planning to enter health or related fields (i.e., environmental, social) with the transdisciplinary orientation, team skills and social and cultural acuity that the Pew Health Professions Commission inter alia has identified as critical but lacking in current health workforce training. The program also emphasizes experiential learning as a way to gain mastery and requires participation in a global internship program based in one of the international partnering communities.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

>   Global Health, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (SSH 593).

Required Core (3 credit hours)
ASB 510 Health: Social and Biocultural Theories (3)

Open Electives (6 credit hours)

Restricted Electives (6 credit hours)
ASB 580 Practicum (1-6)
ASB 583 Fieldwork (1-6)

ASB 584 Internship (1-6)

Other Requirements (9 credit hours)
ASB 500 Ethnographic Research Methods (3)
ASB 503 Medical Anthropology (3)
SSH 591 Seminar: Principles of Epidemiology for Global Health (3)

Culminating Experience (6 credit hours)
SSH 593 Applied Project (6)

Additional Curriculum Information
For restricted electives, students complete at least six credit hours from the list above.

Substitutes may be permitted by the graduate director for other requirement and restricted elective coursework. Additional methods-focused courses or graduate-level epidemiology courses can count toward these requirements.

Applied projects are completed in consultation with a faculty advisor. Students may use the fieldwork, internship or practicum experience as part of the research for the applied project.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned, from a regionally accredited institution, a bachelor's or master's degree in the social or life sciences (i.e., anthropology, sociology, gender studies, geography, political science, or public health or related fields (i.e., nutrition, human biology).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement outlining educational and professional goals
  • current curriculum vitae or resume
  • GRE scores
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit with their application materials an optional scholarly writing sample not to exceed 30 double-spaced pages.

Admission is competitive and based on student academic excellence, additional relevant experience, and fit with available faculty. Value is placed on foreign language skills; practical, cross-cultural and international experiences; and prior social science and life science research.

Career Opportunities:
Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. The major supports the goals of those pursuing careers in academic research, teaching and health services. Sample employment venues include:

  • departments of health
  • government agencies
  • international agencies (World Health Organization, Center for Disease Control, Global Health Council, World Bank, Inter-American Development Bank)
  • nongovernmental organizations
  • private sector
  • universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

  • dentistry

- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/global-health-ma
SHESC 233
shesc.grad@asu.edu
480-965-6215

Global Health, MS (LASSHMS)
Online Degree Search Title: Global Health, MS
Campus: Online

Program Description:
The MS program in global health in the School of Human Evolution and Social Change exposes students to a comprehensive understanding of the factors that lead to morbidity around the world, including ecological, political, cultural, institutional, historical, evolutionary, social and technological factors. This program seeks to equip students with the necessary skills to create effective, sustainable and culturally appropriate approaches to prevent, assess and mitigate disease, as well as to assess critically the work of others in their professional environments.

The program helps learners to cultivate professional practice through focus on application of technical knowledge into professional settings by integrating recognized global health competencies.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Anthropology, BA
Anthropology, BS
Global Health, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (6 credit hours)
ASB 504 Global Health Policy (3)
ASM 503 Evolutionary Medicine and Global Health (3)

Restricted Electives (9 credit hours)
ASB 455 Practicum for Social Sciences (3)
ASB 462 Medical Anthropology: Culture and Health (3)
ASB 526 Survey Topics in Global Nutrition (3)
ASB 598 Topic: Maternal and Child Health (3)
ASB 598 Topic: Reproductive Ecology (3)

Electives or Research (12 credit hours)

Other Requirement (3 credit hours)
ASB 584 Internship (3)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information

For restricted electives, students complete at least nine credit hours from the list above.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- written statement
- three letters of recommendation
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students who have graduated from programs in anthropology, biology, public health, applied mathematics, statistics, or in a related social science degree may be particularly well-positioned for this program. Applicants with previous degrees in other fields should address in the written statement how their previous studies have prepared them for this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-global-health-ms/)

Career Opportunities:
Nationally and internationally, the health field provides varied career opportunities, and demand is growing for graduates with specific skills. The program supports the goals of those pursuing careers in academic research, programming, teaching and policy. Sample employment venues include:

- data analyst
- learning specialist
- program manager
- research associate
- technical advisor

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu
SHESC 233
shesc.grad@asu.edu
480-965-6215

Global Health, PHD (LASSHPHD)

Online Degree Search Title: Global Health , PhD
Campus: Tempe

Program Description:
The PhD in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes and disease are really related.

The program is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as the commercial sector, government agencies or nongovernmental organizations.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. The program leverages the strength of ASU's medical anthropology programming and 15 medical anthropologists, and it has the advantage of accessing a much

wider set of skills offered by those in such fields as medical sociology, demography, human geography and epidemiology

Some particular thematic foci of the program are biocultural approaches to human coping, computer-based complexity modeling, culture and health, health in the Americas, and indigenous and minority health, as well as mathematical epidemiology, nutritional anthropology, social justice and vulnerable populations, social networks, and urban and environmental health.

The program draws some 80 faculty members from throughout the university to consider how cutting-edge social science can be applied to understand and substantively improve the health of populations. The program favors community-based research in communities of all sizes and types, from hunter-gatherer communities to large U.S. cities, and runs collaborative projects in which students are encouraged to gain experience and conduct research.

Students generally enter the program with a master's degree in a relevant field.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
ASB 510 Health: Social and Biocultural Theories (3)

Electives (39 credit hours)

Other Requirements (18 credit hours)
ASB 500 Ethnographic Research Methods (3)
ASB 501 Professionalism (3)
ASM 579 Proposal Writing (3)
SSH 591 Topic: Principles of Epidemiology for Global Health (3)
systematic methods courses (6)

Research (12 credit hours)
ASB 792 Research (12)

Culminating Experience (12 credit hours)
ASB 799 Dissertation (12)

Additional Curriculum Information
For electives, students should see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography should be selected, such as nutrition, survey, archival analysis, demography or geographic information systems.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is to be made up of electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement outlining educational and professional goals
  • current curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (e.g., anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should have already completed at least 15 credit hours of social science and six credit hours of human biology or equivalent at the senior level and also should have some background in statistics or epidemiology.

Applicants may submit with their application materials an optional scholarly writing sample not to exceed 30 double-spaced pages.

Career Opportunities:
Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. The major supports the goals of those pursuing careers in academic research, teaching and health services. Sample employment venues include:

- departments of health
- government agencies
- international agencies (World Health Organization, Center for Disease Control, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- private sector
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations, such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/global-health-phd
SHESC 233
shesc.grad@asu.edu
480-965-6215

Global Security, MA (LAGSCMA)

Online Degree Search Title: Global Security, MA
Campus: Online

Program Description:
The MA in global security is an interdisciplinary, fully online program designed to aid professional advancement in government, military, nonprofit and private sector careers. Students are trained to critically engage international security issues in a comprehensive manner.

The program is based on four key pillars: enabling innovative strategic thinking; developing analytic tools; supporting critical interdisciplinary engagement; and encouraging flexible and resilient approaches to the inherently complex challenges of current and future global security.

Students may pursue the master's degree from anywhere in the world, study while working full time or part time, and may advance at their own pace. The program assists students in gaining a grounded and relevant understanding of major global trends while developing critical analytic skills to improve their capacity to succeed in multiple career paths related to domestic and international security.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Studies, BA
Political Science, BA
Political Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (GSC 550).

Required Core (3 credit hours)
GSC 501 War, Conflict and Security (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)
GSC 550 Capstone (3)

Additional Curriculum Information
For electives, students take eight courses from a restricted list for a total of 24 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the humanities (English, history, etc.); social sciences (anthropology, sociology, political science, etc.); sciences (biology, chemistry, etc.); policy (public administration, etc.); computer science; engineering (all subfields); or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- letters of recommendation
- resume or curriculum vitae
- personal statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit at least one letter of recommendation for admission. Applicants may submit additional letters.

The application requires a two- to three-page personal statement.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-global-security/)

Career Opportunities:
The Master of Arts program in global security assists students in gaining a grounded and relevant understanding of major global trends while developing critical analytic skills to improve their capacity to succeed in multiple career paths related to domestic and international security.

Career area examples include:

- conflict zone and post-war reconstruction
- consulting
- global security intelligence (public and private sector)
- humanitarian and human rights
- policy analysis
- regional affairs
- risk assessment (public and private sector)
- U.S. military advancement

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/degrees/graduate/ma-global-security
COOR 6675
spgs@asu.edu
480-965-8563

Global Security (Cybersecurity), MA (LAGSCSECMA)

Online Degree Search Title: Global Security (Cybersecurity), MA
Campus: Online

Program Description:
The cybersecurity concentration is a unique element within the MA program in global security, engaging cyber issues from an interdisciplinary perspective with a focus on global security.

This nontechnical program provides students with relevant and continually updated understandings of the complex risks, threats and modes of protection and response associated with cybersecurity. It's a program more theoretical in nature and uses real-world examples. Students progress at their own pace; it can be completed in one year or in a six-year period. Students may pursue the degree while working full time or part time.

This program is designed to prepare students for a rapidly expanding field with a focus on the complex relationship between cybersecurity and global politics. Students learn from top faculty, including global thought leaders, seasoned scholars and skilled practitioners. Classes integrate case studies, policy exercises and critical thinking to prepare students for career advancement.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Global Studies, BA
> Political Science, BS
> Political Science, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (GSC 550).

Required Core (3 credit hours)
GSC 501 War, Conflict and Security (3)

Concentration (12 credit hours)
GSC 560 Overview of Cybersecurity (3)
GSC 561 Cybersecurity Threats and Trends (3)
GSC 562 Cybersecurity, Global Politics and Resiliency (3)
GSC 563 Cybersecurity Planning and Strategy (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
GSC 550 Capstone (3)

Additional Curriculum Information
For electives, students take coursework from a restricted list for a total of 12 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the humanities (English, history, etc.); social

sciences (anthropology, sociology, political science, etc.); sciences (biology, chemistry, etc.); policy (public administration, etc.); computer science; engineering (all subfields) or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- curriculum vitae or resume
- one letter of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit at least one letter of recommendation for admission. Applicants may submit additional letters.

The application requires a two- to three-page personal statement.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:
The Master of Arts program in global security with a concentration in cybersecurity assists students in gaining a grounded and relevant understanding of major global trends while developing critical analytic skills to improve their capacity to succeed in multiple career paths related to domestic and international security.

Example career areas include:

- conflict zone and post-war reconstruction
- consulting
- global security intelligence (public and private sector)
- humanitarian and human rights
- policy analysis
- regional affairs
- risk assessment (public and private sector)
- U.S. military advancement

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/degrees/graduate/ma-global-securitycybersecurity
COOR 6801
spgs@asu.edu
480-965-8563

Global Security and Competitive Statecraft (Certificate), Certificate (LAGSCSGRCT)
Online Degree Search Title: Global Security and Competitive Statecraft (Graduate Certificate)
Campus: Online

Program Description:
The certificate in global security and competitive statecraft is an interdisciplinary program designed to aid professional advancement in government, military, nonprofit and private sector careers. Students are trained to critically engage contemporary international security issues in a comprehensive manner.

The program is based on four key pillars: enabling innovative strategic thinking, developing analytic tools, supporting critical interdisciplinary engagement, and encouraging flexible and resilient approaches to the inherently complex challenges of current and future global security. Program faculty have extensive experience as practitioners in the field of security and foreign policy. They bring their deep understanding of the issues to rigorous and interesting coursework that allows students to develop a sophisticated understanding of the complex global, political environment in

which political actors compete.

Students may pursue the certificate from anywhere in the world, study while working full-time or part-time, and they may advance at their own pace.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
GSC 512 Global Trends (3)

Restricted Electives (12 credit hours)
GSC 503 Future of War (3)
GSC 509 Emerging Technologies and Global Security (3)
GSC 561 Cybersecurity Threats and Trends (3)
GSC 598 Special Topics (3)
IAL 504 U.S. Diplomacy in Action: The Embassy Country Team (3)
IAL 505 Key Issues in Today's Global Economy (3)

Additional Curriculum Information
For restricted electives, students take four courses from the restricted list for a total of 12 credit hours. Students should contact the academic unit for eligible GSC 598 topics. Other GSC and IAL courses may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as political science, international relations, emergency management, criminal justice, history or government from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • one letter of recommendation
 • personal statement
 • professional resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit at least one letter of recommendation for admission. Applicants may submit additional letters.

The application requires a one- to three-page personal statement.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-global-security-certificate/)

Career Opportunities:
Graduates have achieved timely and authoritative practitioner insights into the complexity of the contemporary global security environment. They also have developed critical analytic skills to improve their capacity to succeed in multiple career paths related to domestic and international security.

Career area examples include:

 • global security strategist (public and private sector)
 • intelligence and risk assessment analyst (public and private sector)
 • policy analyst
 • security consultant

• U.S. military advancement

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs@asu.edu
480-965-8563

History, MA (LAHISTMA)

Online Degree Search Title: History, MA
Campus: Tempe, Online

Program Description:
ASU's MA program in history combines classes taught by ASU's distinguished faculty in an online or on-ground environment with an emphasis on the development of analytical and communication skills. It offers dynamic content that deepens students' knowledge of history while developing their core competences that are applicable in a variety of settings. Students graduate from the program with an enhanced ability in finding and analyzing information, planning and organizing projects, and writing and speaking effectively.

The master's degree program offers studies in North American, European, public and global-comparative history, and it provides students with opportunities for professional development through colloquia, internship experiences and conference attendance.

Graduates with a Master of Arts degree in history will have acquired advanced historical thinking skills, as well as skills employers consistently identify as highly valuable, including effective oral and written communication, critical thinking and problem-solving.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

History, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (HST 593), or 30 credit hours including the required capstone course (HST 597).

Required Core (9 credit hours)
HST 640 Historical Methods (3)

Pick two from the following:
HST 502 Public History Methodology (3)
HST 641 North American History (3)
HST 643 Global History (3)
HST 644 Area Studies in History (3)

Electives (12 credit hours)

Other Requirements (3 or 6 credit hours)
HST 591 Seminar (3) or (6)

Culminating Experience (3 or 6 credit hours)
HST 593 Applied Project (3) or
HST 597 Capstone (3) or
HST 599 Thesis (6)

Additional Curriculum Information
There are two options for the master's degree program in history, the thesis option (for in-person students only) and the nonthesis option. The thesis option requires 30 total credit hours of coursework, including six credit hours of HST 599 Thesis, three credit hours of HST 591 Seminar and 21 credit hours of coursework. The nonthesis option requires 30 total credit hours, including three credit hours of HST 593 Applied Project or HST

597 Capstone, six credit hours of HST 591 Seminar and an additional 21 credit hours of coursework.

For elective coursework, students should refer to the unit for a list of approved courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.30 or higher.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL score of at least 600 (PBT) or 90 (iBT).

Students are required to submit a minimum of three email addresses from faculty or others qualified to speak to the student's suitability for graduate study in history.

The statement of purpose should be addressed to the history admission committee and should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, and why the applicant wants to pursue graduate study at ASU (about 500 words in length). It is not necessary to specify a research topic, but if an applicant has one in mind, they should include it in the statement of purpose.

The writing sample may be an article (it may be published or unpublished), a research paper or any other extended sample of expository writing no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents and files should not be password protected. Acceptable file types are .rtf, .pdf and .doc.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-history/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Gain proficiency in historical methods and demonstrate nuanced understanding of different historical lenses and interpretive frameworks
- Conduct and defend original historical research
- Demonstrate successful attainment of program goals in research and historiography.

Career Opportunities:
The Master of Arts program in history provides students the fundamental training needed for careers in research, teaching, public history, government service and a host of other positions in the public, private and nonprofit sectors. Program graduates serve as first-rate historians, highly qualified teachers at the elementary, secondary levels, community colleges, researchers and consultants, archivists, foreign service officers, management professionals, community organizers and public servants.

Career examples include:

- archivist
- business executive
- college instructor

- diplomat
- editorial and publishing professional
- K-12 school teacher
- museum director and staff
- nonprofit director
- research professional

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/graduate/ma-history-ma
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

History, PHD (LAHISTPHD)

Online Degree Search Title: History, PhD
Campus: Tempe

Program Description:
The PhD program in history offers outstanding opportunities for graduate study in North American, European, public and global-comparative history.

The School of Historical, Philosophical and Religious Studies' world-class faculty members deliver courses and individualized mentoring in a wide range of historical topics, such as urban history, environment and sustainability studies, politics and policy, immigration, gender, race and ethnicity, and comparative history. Moreover, doctoral history students are strongly encouraged to take advantage of the numerous collaborative opportunities that exist throughout the university in ASU's many innovative schools and centers.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (16 credit hours)
HST 502 Public History Methodology (3)
HST 640 Historical Methods (3)
HST 641 North American History (3)
HST 643 Global History (3)
HST 644 Area Studies in History (3)
HST 682 Advanced Research Skill (1)

Electives and Research (44 credit hours)

Other Requirement (12 credit hours)
HST 591 Seminar (6)
HST 792 Research (6)

Culminating Experience (12 credit hours)
HST 799 Dissertation (12)

Additional Curriculum Information
In general, all credit hours must be at the 500 level or above. Graduate credit may be awarded for 400-level courses; it must be approved in advance and documented in the student's file.

The doctoral program requires a minimum of 84 credit hours and may be completed in four to five years. Students with a master's degree may apply 30 credit hours toward the 84 required credit hours with approval of the academic unit and the Graduate College. If the student does not already have a master's degree in a related field, then the remaining 30 credit hours are made up of electives and research to reach the 84 credit hours required for the doctoral program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.30 or higher.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL score of at least 600 (PBT) or 90 (iBT). A student whose native language is not English also must submit a copy of an article or research paper in the student's native or principal research language in addition to the English writing sample required of all students.

Students are required to submit a minimum of three email addresses from faculty or others qualified to speak to the student's suitability for graduate study in history. Letters of reference should be submitted by the recommenders in addition to the electronic reference form they are asked to complete.

The statement of purpose is to be addressed to the history admission committee and should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, the proposed research specialization, and why the applicant wants to pursue graduate study at ASU; it should be about 500 words in length.

The writing sample, either published or unpublished, may be an article, a research paper, or any other extended sample of expository skill no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents and files should not be password protected. Acceptable file types are .rtf, .pdf and .doc.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Demonstrate mastery of three domains of historical knowledge as well as display expertise in their proposed topic of study
- Accomplish meaningful contributions to the profession through accepted publications and presentations
- Identify and complete applications for funding opportunities that can support their research

Career Opportunities:
Graduates possess the foundational skills in research, writing and communication and fundamental training needed for careers in research, archival work, higher education, teaching, public history, government service and a host of other areas in the public, private and nonprofit sectors. They serve as first-rate historians, highly qualified instructors and professors at two-year schools and universities, researchers and consultants for business and government, archivists, foreign service officers, management professionals, community organizers and public servants.

Career examples include:

- archivist
- diplomat
- editorial and publishing professional
- K-12 school teacher
- museum director and staff
- nonprofit director
- research professional
- university professor

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/graduate/phd-history--phd
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480-965-5778

History and Philosophy of Science, PHD (LAHPSCIPHD)

Online Degree Search Title: History and Philosophy of Science, PhD
Campus: Tempe

Program Description:
The history and philosophy of science is an interdisciplinary field that traces its origin to foundational works such as Thomas Kuhn's "Structure of Scientific Revolutions." The field is based on the idea that the best way to understand science is to study how it changes over time, along with careful analysis of its concepts and fundamental principles.

The PhD program in history and philosophy of science combines training in the core areas of history and philosophy of science with an emphasis on interdisciplinary studies of the sciences, including:

- computational history and philosophy of science
- foundations of evolutionary theory
- general philosophy of science and epistemology
- history and philosophy of applied ethics and science policy
- history of 19th and 20th century biology

The program is especially appropriate for students with an undergraduate or master' degree in philosophy, history or the sciences, and for those who seek to broaden their disciplinary studies. Science students who have not taken relevant undergraduate humanistic core courses can make these up during their first years in the program.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
HPS 615 Biology and Society Lab (3)
HPS 620 Research Prospectus Writing (3)

Restricted Program Electives (30 credit hours)

Program Electives (24 credit hours)

Research (12 credit hours)
HPS 792 Research (12)

Dissertation (12 credit hours)
HPS 799 Dissertation (12)

Additional Curriculum Information
An individual student program is developed in consultation with the student's advisor and committee.

HPS 615 Biology and Society Lab is a one credit hour course focused on student presentations of works-in-progress. Students must register for it three times during their graduate study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution of recognized standing in a related field such as history, philosophy, or history and philosophy of science as well as a demonstrated background and interest in one or more sciences.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement

- curriculum vitae or resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
A doctorate in history and philosophy of science provides strong preparation for academic careers at every level from community colleges to research universities, including research, teaching and administration, and science communication. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for management and conservation, and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- principal investigators and policymakers in government labs and nonprofit organizations
- professors or instructors in universities and colleges
- science teachers in elementary and high schools
- wildlife, animal and conservation scientists

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/history-philosophy-science-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Immigration Studies (certificate), Certificate (LAIMMSTUCE)
Online Degree Search Title: Immigration Studies (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in immigration studies provides students with a holistic understanding of the historical, current and long-term causes and consequences of international migration as well as relevant professional and research training opportunities.

The objective of the certificate program is to offer traditional academic training through coursework, research and the practical experience of working with local immigrant and refugee communities.

Degree Requirements:
15 credit hours.

All students are required to take one core course, three approved elective courses on immigration, and three credit hours of a culminating experience (either an internship or a research project). Students are to contact the school for a list of approved courses.

Students may do an internship with Phoenix-based, nongovernmental organizations or government agencies that provide services to immigrants and refugees. Such internships give students professional training and actual experience working with immigrant and refugee communities. Students are required to write a report describing the organization and their experience as interns.

Students may enroll in three credit hours of research with a faculty member in order to do an independent research project. They must write a substantial research paper based on field research in a local immigrant community, on library and archival research or on readings on an immigration topic.

Certificate students may choose to specialize in humanities, Mexican and Latino immigrants in the U.S., or social sciences.

Given the nature of the immigration courses offered at ASU and the preponderance of Latino immigrant communities in the Phoenix area, the program emphasizes Latino immigration. However, students have the opportunity to take broader courses focusing on global migration and other immigrant groups as well as work with local Asian or Southeast Asian immigrants and refugee communities.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count toward their degree program with the approval and consent of the degree granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count toward their doctoral degree or up to 12 credit hours may count toward their master's degree, with the approval and consent of the degree-granting program.

All requirements for the certificate program should be completed within a three year time limit with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Students who require more time to finish the program, because of their part-time status or lack of desirable or available courses, must obtain approval from the executive committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- one letter of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants may submit an optional scholarly writing sample with their application materials; the sample is not to exceed 30 double-spaced pages.

Career Opportunities:
The demand in the job market is high for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data on human thought and human behavior.

The program prepares graduates for future study in graduate and professional schools or for careers as immigration practitioners and advocates in nongovernmental organizations, local and federal government agencies as well as in other private and public institutions serving immigrant and refugee communities.

Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- directing nonprofit organizations
- directing programs in the private or public sector

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu
SHESC 233
shesc.grad@asu.edu
480-965-6215

Indigenous Education, MA (LAIEDMA)

Online Degree Search Title: Indigenous Education, MA

Campus: Online

Program Description:
The MA program in Indigenous education provides students with advanced training in research, theory and practice related to both Indigenous education, broadly defined, as well as the process of schooling. The main audiences for this degree are those working in Indian education, those working for tribal nations with education programs, and those interested in Indigenous education.

Because the Center for Indian Education is housed in the School of Social Transformation with faculty that collaborate with colleagues internationally, nationally and across ASU campuses, students have access to a wealth of additional resources at the master's degree level, which allow them to develop a final project that best fits their specific professional aspirations.

Degree Requirements:
30 credit hours including the required capstone course (IED 585).

Required Core (9 credit hours)
IED 501 Critical Indigenous Research Methodologies (3)
IED 502 Indigenous Knowledges in Education (3)
IED 503 Current Issues in Indigenous Education (3)

Other Required Courses (15 credit hours)
IED 510 History of Indigenous Education (3)
IED 530 Language/Literacy-Indig People (3)
IED 535 Community-based Participatory Action Research (3)
SST 520 Learning Technologies in Native Education (3)
SST 530 Culture and Education (3)

Research (3 credit hours)
IED 592 Research (3)

Culminating Experience (3 credit hours)
IED 585 Capstone (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as history, education, anthropology, sociology, ethnic studies, justice studies or political science, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • letter of intent or written statement
  • example of writing
  • professional resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A selection committee, comprised of faculty members, selects candidates based on application materials and the applicant's ability to succeed.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/indigenous-education-ma/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following

program outcomes:
 •Appraise and compose the parellels of historical Indigenous education and current schooling for American Indian students; using an evidence based approach to support their case.
 •Articulate the contradictions and complexities between Western schooling and Indigenous educational processes for Native nations.
 •Analyze research methods and methodologies through an Indigenous framework and compose their own research methodologies.
 •Design and articulate Indigenous knowledge system(s), as it relates to education and schooling in Indian country

Career Opportunities:
Graduates of the master's program can pursue careers in education, government or nonprofit organizations. Graduates can also work as researchers or policy analysts at educational policy centers, K-12 schools and universities, and within community-based organizations.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
EDB 302
sstgraduate@asu.edu
480-965-7682

Infant Family Practice, MAS (LACDEMAS)
Online Degree Search Title: Infant - Family Practice, MAS
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
This self-contained, accelerated MAS program in infant-family practice provides high-quality coursework and supervised internship experiences designed to train professionals to work in prevention and intervention programs serving families with infants, toddlers and preschool-age children.

Coursework prepares students for professional endorsement of the Infant-Toddler Mental Health Coalition of Arizona's endorsement for culturally sensitive, relationship-based practice promoting infant mental health.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (12 credit hours)

Practicum (9 credit hours)

Other Requirements (6 credit hours)

Research (3 credit hours)

Additional Curriculum Information
The Master of Applied Science in infant-family practice requires successful completion of a minimum of 30 credit hours and an applied project, including required coursework and an internship in a community placement approved by the faculty of the master's degree program in infant-family practice. Internships are expected to last approximately 12 months.

Students must meet the expectations of the agency supervising their internship.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field such as counseling, psychology, and family and human development.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals familiar with the applicant's academic background.

GRE scores are not required for this program.

Career Opportunities:

There are many career paths available to graduates with this degree. A few examples are:

- child abuse prevention
- child welfare
- early childhood education and child care administration
- early intervention
- family support
- home visiting
- infant and early childhood mental health

Contact Information:

Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/
SS 144
graduatesanford@asu.edu
480-965-6978

International Affairs and Leadership, MA (LAIALMA)

Online Degree Search Title: International Affairs and Leadership, MA
Campus: Online

Program Description:

The MA program in international affairs and leadership prepares students for international leadership roles in a dynamic learning environment led by senior international affairs professionals from the public and private sectors.

The program offers a unique blend of leadership capacity development --- both theory and practice --- as well as substantive training focused on U.S. foreign policy decision-making, national security, international trade, human rights issues and other key global issues. Courses are taught by experts with real-world experience, from former U.S. ambassadors to three-star generals, with the goal of readying students to become leaders in the international affairs realm.

Students have regular interactions with world-class professors and practitioners who help students learn how to shape the world in a meaningful and positive way. The program is a collaboration between the School of Politics and Global Studies and the Leadership, Diplomacy and National Security Lab. The School of Politics and Global Studies is host to the Center on the Future of War, the Center for Latina/os and American Politics Research, and the SPGS Experimental Laboratory.

Degree Requirements:

30 credit hours including the required capstone course (IAL 560).

Required Core (9 credit hours)
IAL 501 Principles of Character-Driven Leadership (3)
IAL 502 The Making of U.S. National Security Policy (3)
IAL 503 Applied International Leadership: Case Studies (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)

IAL 560 Capstone (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- letter of intent
- professional resume
- writing sample
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE or GMAT results are not required but can be submitted as an additional application material.

Applicants should have a deep-rooted interest in international issues of the future and a desire to influence them through character-driven leadership within the context of an increasingly complicated, globalized world. Ideal candidates are those who have previous leadership experience and who plan to devote their careers to working with other cultures and nations across a variety of sectors. While an ideal candidate has previous experience traveling or living overseas or has previously studied a language other than English, candidates with no prior experience in these areas are also welcome to apply. Both international and domestic students are encouraged to apply.

Using the letter of intent, applicants should narrate their own leadership journeys as well as their motivations for further studies in the areas of international affairs and leadership. The letter of intent should describe applicants' academic and professional interests to date, their definitions of character-driven leadership, their reasons for pursuing a master's degree in international affairs and leadership, and how this advanced degree relates to their specific future goals.

The application review panel also reviews the applicant's writing skills. Successful applicants must be able to tell a concise, coherent story about their past experiences and future goals.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/international-affairs-master-degree/)

Career Opportunities:
This program prepares students to succeed in a wide variety of international affairs professions, including:

- business operations specialist
- career civil servant or contractor at the U.S. State Department, U.S. Department of Commerce or U.S. Treasury or Defense Department
- foreign service officer
- international political economist
- military officer or noncommissioned officer in strategic, special or tactical operations
- nonprofit or NGO analyst or program coordinator
- permanent staff for a member of Congress or Congressional committee
- public policy analyst
- U.S. government intelligence community policy analyst or program manager

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/degree/graduate/ma-intl-affairs--leadership
COOR 6801
spgs@asu.edu

480-965-8563

Justice Studies, MS (LAJUSSTMS)

Online Degree Search Title: Justice Studies, MS
Campus: Tempe

Program Description:
The MS program in justice studies is an innovative, interdisciplinary program that prepares students to work, research and advocate on behalf of social justice. Students study a wide range of topics at the local, national and international levels, gaining the training needed to analyze social, economic, cultural, political and legal inequalities and promote pathways to more just societies.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Justice Studies, BS
> Justice Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (JUS 593).

Required Core (12 credit hours)
JUS 500 Justice Research Methods (3)
JUS 501 Justice Theory (3)
JUS 509 Statistical Problems in Justice Research (3)
JUS 521 Qualitative Data Analysis and Evaluation (3)

Electives (12 credit hours)

Research (0-3 credit hours)
JUS 592 Research (3)

Culminating Experience (3-6 credit hours)
JUS 593 Applied Project (3) or
JUS 599 Thesis (6)

Additional Curriculum Information
Each student's program is developed in concert with the advisory committee. The required foundation courses provide students with a fundamental understanding of the theories, methods and analytic techniques associated with the study of justice.

To satisfy the thesis requirement for the degree, candidates must write a thesis and defend it in an oral examination conducted by the student's advisory committee. Students in this option are not required to take JUS 592 Research.

Students who elect to complete the applied project option will have to enroll in three credit hours of JUS 592 Research prior to enrolling in JUS 593 Applied Project. Candidates pursuing the applied project option must present their applied project and defend it in an oral examination conducted by the faculty member who supervises the project and the graduate programs director or designated representative. The applied project typically includes a brief literature review to identify the nature of the issue or problem and a description of the methodology used and, if relevant, of the program studied, followed by an analysis.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Information regarding acceptable proof of English proficiency can be found via the Graduate Admission Services webpage: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Applicants should visit the School of Social Transformation's Master of Science in justice studies webpage for further details on the listed application requirements and application deadlines.

GRE testing is not required for admission.

Mailing addresses and further admission information are available on the ASU Graduate Admission Services website.

Application requirements vary for the accelerated justice studies 4+1 program. Undergraduate students majoring in justice studies who are interested and eligible for this accelerated graduate program should contact the academic unit, to schedule an appointment with a graduate advisor prior to submitting an application. Further details about the accelerated justice studies 4+1 program can be found on the School of Social Transformation webpage.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Interpret and conduct quantitative research.
- Interpret and conduct qualitative research.
- Demonstrate knowledge of various theoretical perspectives of justice in both their written and oral work.
- Demonstrate intersectional knowledge of justice and use an interdisciplinary/multidisciplinary approach to address societal problems and generate solutions in their projects.

Career Opportunities:

Graduates of the Master of Science program in justice studies are prepared to work in justice-related organizations, teach in community colleges, pursue doctoral programs, and research in the justice field.

Contact Information:

Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

Justice Studies, PHD (LAJUSSTPHD)

Online Degree Search Title: Justice Studies, PhD
Campus: Tempe

Program Description:

The PhD in justice studies at the nation's first School of Social Transformation invites all qualified applicants.

The diverse community of scholars unites students and faculty across academic boundaries to strategically create social change that is democratic, inclusive and just. The interdisciplinary doctoral program in justice studies prepares future scholars and change agents to address complex social problems and become tomorrow's leaders.

Concurrent Program Options:

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak

with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Juris Doctor, JD

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
JUS 620 Justice Research Methodology (3)
JUS 640 Theoretical Perspectives on Justice (3)

Other Requirement (3 credit hours)
JUS 630 Data Analysis for Justice Research (3) or
JUS 650 Advanced Qualitative Data Analysis (3) or
SST 691 Topic: Qualitative Methods for Qualitative Researchers (3)

Culminating Experience (12 credit hours)
JUS 799 Dissertation (12)

Additional Curriculum Information
For the other requirement course, students may take JUS 630, JUS 650, SST 691 or other methods course at ASU approved by the JSI graduate director.

Students entering the doctoral program with a master's or JD degree may complete a minimum of 54 credit hours for the program. In addition to the requirements listed above, coursework will include 15 credit hours of elective classroom hours (nine of which must have a JUS prefix) and 18 credit hours comprised of any combination of additional elective courses, reading and conference or research.

Students entering the doctoral program without a master's or Juris Doctor degree are required to complete 84 credit hours. In addition to the requirements listed above, the coursework will include 12 credit hours of 500-level foundation courses, 24 credit hours of elective classroom hours (15 of which must have a JUS prefix) and 27 credit hours comprised of any combination of additional electives courses, reading and conference or research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • writing sample
  • three letters of recommendation (academic references are preferred)
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be one-and-a-half to two pages, double-spaced, outlining areas of interest, educational and career goals, and the writing sample should be 10 to 15 pages and should discuss the research that best represents the applicant's academic thinking and writing skills.

The PhD/JD option allows qualified students to earn a Juris Doctor from ASU's Sandra Day O'Connor College of Law while simultaneously earning a transdisciplinary doctoral degree in justice studies. Students must apply separately to both programs. Applicants should contact the Sandra Day O'Connor College of Law for their requirements.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate knowledge of both qualitative and quantitative research methodologies.
- Differentiate various theoretical perspectives of justice in their written work.
- Demonstrate intersectional knowledge of justice and use an interdisciplinary/multidisciplinary approach to address societal problems and generate solutions in their dissertations.

Career Opportunities:
Graduates of the doctoral program in justice studies are prepared to work in justice-related organizations, teach in community colleges and universities, and research in the justice field.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

Language Teaching, MA (LALANTCHMA)

Online Degree Search Title: Language Teaching, MA
Campus: Tempe

Program Description:
The MA program in language teaching prepares both current and aspiring language teachers with the tools they need to effectively teach languages in the secondary schools and in higher education. This program provides professional development to practicing language teachers in K-12, community colleges or at the university level.

Teachers in Arizona who are interested in continuing their professional development in both language pedagogy and language proficiency can pursue this degree. Teachers receive training in teaching methodologies, second language acquisition, heritage language pedagogy, computer-assisted language teaching, applied linguistics, and the teaching of literature and culture. In addition, this program may also interest other individuals who wish to become highly proficient bilinguals.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

French, BA
German, BA
Spanish, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including an applied project (SLC 593).

Required Core (3 credit hours)
SLC 596 Second Language Methodologies (3)

Track (9 credit hours)

Other Requirements (12 credit hours)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
SLC 593 Applied Project (3)

Additional Curriculum Information
Tracks available for students to select from are French, German or Spanish. Students should see their academic unit for approved track coursework. Students select coursework in consultation with their committee chair.

Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a foreign language, applied linguistics, linguistics, literature, education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • letter of intent or written statement
 • two letters of recommendation
 • proof of target language proficiency
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be no more than two pages, single-spaced, and should discuss how the educational background and experiences have prepared the applicant for this graduate program. The applicant should also describe why they are interested in pursuing this master's degree and how it fits their career goals.

Proof of target language proficiency is accepted by an audio or video submission of a two-minute self-introduction.

Career Opportunities:
Professionals with this degree can confidently move into academic and business fields. Language skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as business, government and public administration careers.

Career examples include:

 • adult basic and secondary education and literacy teachers and instructors
 • foreign language and literature teachers and professors
 • high school teachers
 • instructional coordinators
 • instructional designers and technologists
 • interpreters and translators
 • middle school teachers
 • reporters and correspondents

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-language-teaching
DH 318
silc@asu.edu
480-965-6281

Linguistics (certificate), Certificate (LALINGUICE)

Online Degree Search Title: Linguistics (Graduate Certificate)
Campus: Tempe

Program Description:
This transdisciplinary graduate certificate program in linguistics offers students the opportunity to gain an understanding of the ways that languages are structured, how they are acquired and how they vary over time, space, modality and situational contexts.

The skills acquired through the completion of the core courses for this certificate include analytical abilities, critical thinking, effective communication and problem-solving. In addition, the knowledge acquired in the areas of discourse analysis and pragmatics makes students aware of the necessity

to use appropriate registers and styles when creating written documents or oral presentations to different audiences.

Degree Requirements:
18 credit hours.

Required Core Areas (9 credit hours)
discourse analysis and pragmatics (3)
phonology (3)
syntax (3)

Electives (9 credit hours)

Additional Curriculum Information
The electives may be chosen from fields such as applied linguistics, educational linguistics, natural language processing, second language acquisition and sociolinguistics. The electives are determined by the student in consultation with a faculty advisor.

As a prerequisite, students must have completed an introductory course in linguistics taken at the upper-division or graduate level. They should consult the certificate program director for advice.

All certificate coursework must be completed with an average grade of "B" or higher (3.00 on a 4.00 scale).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • resume or curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit the Department of English website for specific details about English proficiency requirements.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The one- to two-page, well-considered statement of purpose should detail the applicant's background and reasons for wanting to do the linguistics certificate.

To be considered for admission, an applicant must have taken an introductory course in linguistics at the upper-division or graduate level. Applicants must also show proof of a formal knowledge of a foreign language, equivalent to two years of study at the university level or plans to fulfill the language requirement concurrently with certificate courses. The language requirement may be met by completion of courses through the second-year level (four semesters) at ASU or elsewhere, or by completion of an upper-division language course with an average of "B" or better (3.00 on a 4.00 scale) for all such coursework (200 or 300 level), or through an examination that indicates placement above the 200 level. Language placement tests are available online at the Language Placement Policies and Tests webpage on the School of International Letters and Cultures website. If this requirement is not already fulfilled at the time of application, candidates must demonstrate completion of this requirement at the end of their certificate coursework in order for their certificate to be granted.

Career Opportunities:
A graduate certificate in linguistics can serve as an important stepping stone for individuals interested in gaining a better understanding of linguistics, perhaps as a way to get an edge in their careers or to explore the field before applying to a master's or doctoral degree program.

The linguistics certificate offers an important dimension to various careers including:

- computer programmer
- data analyst
- foreign service worker
- language consultant or language documentation expert
- language program director or coordinator
- language teacher
- lexicographer
- materials designer and developer
- program and curriculum developer
- teacher trainer
- writer or editor

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/node/239
RBHL 170
enggrad@asu.edu
480-965-3194

Linguistics and Applied Linguistics, MA (LALINMA)

Online Degree Search Title: Linguistics and Applied Linguistics, MA
Campus: Tempe

Program Description:
The MA program in linguistics and applied linguistics focuses on the study of human language and the application of that study to the human condition.

At the master's degree level, the program provides foundational training and professional development in several interdisciplinary areas, including discourse analysis, Indigenous American linguistics, language contact and change, language revitalization, language planning, phonetics, phonology, pragmatics, second language acquisition, second-language learning and teaching, semantics, sociolinguistics, syntax, teaching English to speakers of other languages, and World Englishes.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Linguistics), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including a foreign language exam and a thesis, or 30 credit hours including a foreign language exam and the required applied project course (LIN 593 or APL 593).

Required Core (3 credit hours)
LIN 515 American English (3) or
LIN 516 Pragmatics and Discourse Analysis (3)

General Linguistics Track (6 credit hours)
LIN 511 Phonetics and Phonology (3)
LIN 514 Syntax (3)

Applied Linguistics Track (6 credit hours)
LIN 511 Phonetics and Phonology (3) or LIN 514 Syntax (3)
LIN 520 Second-Language Acquisition Theories (3) or APL 601 Introduction to Applied Linguistics (3)

Electives (12-15 credit hours)

Research (3 credit hours)

LIN 501 Approaches to Research (3)

Culminating Experience (3-6 credit hours)
LIN 599 or APL 599 Thesis (6)
LIN 593 or APL 593 Applied Project (3)

Additional Curriculum Information
Students choose one of the two tracks in either general linguistics or applied linguistics.

Electives are restricted based on the student's chosen track. For the general linguistics track, one of the electives must be a 600-level course from the approved course list.

Students who select the thesis option take 12 credit hours of electives. Applied project students select 15 credit hours of electives.

Students must demonstrate evidence of a competent knowledge of a natural language other than modern English, to be selected by the student, subject to the approval of the chair of the thesis committee or the director of the applied project. This requirement may be met by:

 • earning a "B" or better (3.00 on a 4.00 scale) in a 400- or 500-level course in an appropriate (approved) language course
 • demonstrating comparable proficiency by taking a language examination, administered by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
 • demonstrating native-speaker proficiency, as determined by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
 • earning a "B" or better (3.00 on a 4.00 scale) in both ENG 530 Old English and ENG 531 Old English Literature or their equivalent
 • holding a bachelor's degree in an approved foreign language
 • two years (four semesters) of successfully completed college-level coursework (completed no more than six years prior to admission to the degree program) at least at the 100 and 200 levels with a "C" or better (scale is 4.00 = "A") for languages which the School of International Letters and Cultures does not offer or does not offer above the 200 level

Any course in which all class meetings are conducted in the approved language satisfies the requirement for a "B" or better in a 400- or 500-level course in an appropriate language; courses conducted in English do not satisfy the requirement. Also satisfying the requirement are GER 550 German for Reading Knowledge, FRE 550 French for Reading Knowledge, SPA 550 Spanish for Reading Knowledge, and ITA 550 Italian for Reading Knowledge. The Department of English does not require its graduate students to write papers in the approved language.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in such related fields as anthropology, applied linguistics, communication, cognitive science, comparative languages and literatures, literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religious studies, rhetoric, composition, sociology, or speech and hearing science from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • statement of purpose
 • resume or curriculum vitae
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Successful completion of at least one upper-division course in linguistics, language study or a related topic is required.

The one-page, single-spaced statement of purpose should explain the applicant's background in language study, reasons for wanting to do graduate work in linguistics and plans for the future.

Career Opportunities:

Graduates with research expertise in linguistics and applied linguistics work in a variety of professional contexts around the globe, including academia, government, business, health care, legal settings, the private sector, nongovernmental organizations, advertising, marketing and publishing. Many graduates also go on to pursue doctorates in linguistics, applied linguistics and many other fields and disciplines such as education, speech and hearing sciences, law, information technology, computer science, communication and anthropology.

Career examples include:

- accent coach
- data analyst
- computer programmer
- foreign service worker
- language consultant or language documentation expert
- language program director or coordinator
- language teacher
- lexicographer
- materials designer and developer
- program and curriculum developer
- teacher trainer
- writer or editor

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/master-arts-linguistics-and-applied-linguistics
RBHL 170
enggrad@asu.edu
480-727-3135

Linguistics and Applied Linguistics, PHD (LALINPHD)

Online Degree Search Title: Linguistics and Applied Linguistics, PhD
Campus: Tempe

Program Description:
The PhD program in linguistics and applied linguistics focuses on the study of human language and the application of that study to the human condition.

Students in this program select a research specialization in formal linguistics, applied linguistics or some combination of these areas. The curriculum provides professional training in linguistics and applied linguistics with focused research in several areas, including discourse analysis, Indigenous American linguistics, language contact and change, language planning, language revitalization, phonetics, phonology, pragmatics, second language acquisition, second language teaching and learning, semantics, sociolinguistics, syntax, teaching English to speakers of other languages, and World Englishes.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a foreign language exam, a prospectus and a dissertation.

Required Core (18 credit hours)
APL 555 Disciplinary Discourses (3)
APL 601 Introduction to Applied Linguistics (3)
LIN 511 Phonetics and Phonology (3)
LIN 514 Syntax (3)
LIN 515 American English (3) or LIN 516 Pragmatics and Discourse Analysis (3)
LIN 655 Advanced Disciplinary Discourses in Linguistics and Applied Linguistics (3)

Electives and Research (24 credit hours)
LIN 501 Approaches to Research (3)
specialization (21)

Culminating Experience (12 credit hours)
LIN 799 or APL 799 Dissertation (12)

Other Requirements (30 credit hours)
If students do not have a previously awarded master's degree, then 30 credit hours is made up of additional elective coursework which must include

LIN 510, if they have not previously taken it or its equivalent. The electives must be approved by their supervisory committee.

Additional Curriculum Information
Students must demonstrate evidence of a competent knowledge of a natural language other than modern English, to be selected by the student and subject to the approval of the chair of the dissertation committee. The language requirement must be completed before the student is eligible to take the doctoral examinations. This requirement may be met by any of the following:

  • earning a "B" or higher (3.00 on a 4.00 scale) in a 400- or 500-level course in an appropriate (approved) language
  • demonstrating comparable proficiency by taking a language examination, administered by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
  • demonstrating native-speaker proficiency, as determined by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
  • earning a "B" or higher (3.00 on a 4.00 scale) in both ENG 530 Old English and ENG 531 Old English Literature or the equivalent of each
  • holding a bachelor's degree in an approved foreign language
  • having fulfilled a foreign language requirement toward a previously awarded master's degree that was completed within five years of the semester for which the student was admitted to the doctoral program
  • two years (four semesters) of successfully completed college level coursework (no more than six years prior to admission to the degree program) at least at the 100 and 200 levels with a "C" or better, for languages which the School of International Letters and Cultures does not offer or does not offer above the 200 level

The foreign language requirement must be in a language approved by the student's doctoral supervisory committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • resume or curriculum vitae
  • three letters of recommendation
  • academic writing sample relevant to the field
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Undergraduate degrees in such related fields as anthropology, applied linguistics, communication, cognitive science, comparative languages and literatures, literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religious studies, rhetoric, composition, sociology, or speech and hearing science will be considered.

The one- to two-page, single-spaced statement of purpose should explain how the applicant's experience and training have prepared them for the program. It should also indicate career goals and explain how these goals relate to the graduate program in linguistics and applied linguistics. Applicants applying for funding must also submit a statement of teaching philosophy. Students should see the Department of English website for specific details.

Career Opportunities:
Graduates with research expertise in linguistics and applied linguistics work in a variety of professional contexts, such as academia, government, business, health care, legal settings, publishing, the private sector and nongovernmental organizations.

Career examples include:

  • computer-assisted language learning expert
  • data analyst
  • forensic linguist
  • language policy or documentation expert

- language program director or coordinator
- language researcher
- linguistic consultant
- program and curriculum developer
- publisher
- university professor

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/phd-linguistics-and-applied-linguistics
RBHL 170
enggrad@asu.edu
480-965-3194

Marriage and Family Therapy, MAS (LAMFTMAS)

Online Degree Search Title: Marriage and Family Therapy, MAS
Campus: Tempe

Program Description:
This self-contained, accelerated MAS program in marriage and family therapy provides high-quality coursework and supervised internship experiences. The curriculum and degree requirements have been specified and approved by the Arizona Board of Behavioral Health Examiners and are designed to meet the degree requirements for licensure in the State of Arizona for the practice of marriage and family therapy. The program is designed to train practitioners who wish to practice marriage and family therapy.

Degree Requirements:
39 credit hours and a master's research paper.

The master's degree program in marriage and family therapy requires the successful completion of a minimum of 39 credit hours and a project, including required coursework and completion of 300 client-contact hours in a community internship placement approved by the master's degree in marriage and family therapy faculty. Internships are expected to last approximately 12 months. Students must maintain a GPA of 3.00 (scale is 4.00 = "A") in all coursework and satisfactorily meet the expectations of the agency supervising their internship.

Students are required to have a vehicle and a valid Arizona driver's license for internship placement.

An internship entrance examination is held at the end of the first 7.5-week semester to determine student readiness for internship placement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field, such as counseling, psychology, and family and human development, among others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a personal statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation must be from three people who know the applicant in a professional or academic capacity. Family members and friends do not meet this criterion.

Students should refer to the program's website for detailed information on admission requirements.

Career Opportunities:

There are many career paths available to students pursuing this degree. A few examples are:

- genetic counselor
- psychologist
- rehabilitation counselor
- school and career counselor
- social and community service manager
- social and human service assistant
- social worker
- substance abuse, behavioral disorder and mental health counselor

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/degree/graduate/mas-marriage-and-family-therapy
SS 144
graduatesanford@asu.edu
480-965-6978

Mathematics, MA (LAMATHMA)

Online Degree Search Title: Mathematics, MA
Campus: Tempe
Spring admission is limited to students in the 4+1 program.
Program Description:

The MA program in mathematics is designed to increase mathematical knowledge beyond the traditional level of a bachelor's degree in order to prepare students for careers requiring sophisticated mathematical skills. Students may choose to specialize in applied mathematics, core mathematics, mathematics education or statistics through their course selections.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Computational Mathematical Sciences, BS
    Mathematics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and 2 written comprehensive exams, or 30 credit hours and a portfolio, or 30 credit hours, a thesis and a written comprehensive exam.

Required Core (3 credit hours)
APM 505 Applied Linear Algebra (3) or APM 506 Computational Methods (3) or MAT 543 Abstract Algebra I (3) or MAT 570 Real Analysis I (3)

Electives (21-27 credit hours)

Culminating Experience (0-6 credit hours)
MAT 599 Thesis (6)
portfolio (0)
two written comprehensive exams

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics or a closely related field from a regionally accredited institution as well as completed coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of education and career goals
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:

The Master of Arts program in mathematics is designed to prepare students for careers requiring sophisticated mathematical skills that may be applied to many different sectors, including education, industry and government.

Potential career opportunities include:

• finance and investment analyst
• mathematician
• mathematics professor or instructor
• operations research analyst
• statistician

Students also may pursue graduate study in mathematics or statistics in preparation for an academic career.

Contact Information:

Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/mathematics-ma
WXLR A216
grad.math@asu.edu
480-965-3951

Mathematics, PHD (LAMATHPHD)

Online Degree Search Title: Mathematics, PhD
Campus: Tempe

Program Description:

The PhD program in mathematics is intended for students with superior mathematical ability. The program emphasizes a solid mathematical foundation and promotes creative scholarship in mathematics and its many related disciplines.

The School of Mathematical and Statistical Sciences has very active research groups in analysis, number theory, geometry and discrete mathematics.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
MAT 501 Geometry and Topology of Manifolds I (3) or
MAT 516 Graph Theory I (3) or

MAT 543 Abstract Algebra I (3) or
MAT 570 Real Analysis I (3)

Other Requirements (3 credit hours)
MAT 591 Seminar (3)

Electives (24-39 credit hours)

Research (27-42 credit hours)
MAT 792 Research

Culminating Experience (12 credit hours)
MAT 799 Dissertation (12)

Additional Curriculum Information
Electives are to be chosen from math or related area courses approved by the student's supervisory committee.

Students must pass:

- two qualifying examinations
- a written comprehensive examination
- an oral dissertation prospectus defense

Students should see the department website for examination information.
Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional eligibility requirements include competitiveness in an applicant pool as evidenced by coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371), and it is desirable that applicants have scientific programming skills.

Career Opportunities:
The doctoral program in mathematics is designed to prepare students for careers requiring sophisticated mathematical skills that may be applied to many different sectors, including education, industry and government. Potential career opportunities include:

- faculty-track academic
- finance and investment analyst
- mathematician
- mathematics professor, instructor or researcher
- operations research analyst
- statistician

Contact Information:

Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/mathematics-phd
WXLR A216
grad.math@asu.edu
480-965-3951

Mathematics Education, PHD (LAMTEPHD)

Online Degree Search Title: Mathematics Education (Mathematics and Statistics Dept - Grades 9-20), PhD
Campus: Tempe

Program Description:
This transdisciplinary PhD program in mathematics education accommodates students from a variety of academic backgrounds. It provides students with a solid foundation in graduate-level mathematics as well as research skills and perspectives that allow them to incorporate mathematics into such core educational areas as:

- curriculum
- learning
- teaching
- technology

Conducting individual and collaborative research in the learning and teaching of mathematics is an integral part of the program.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
MTE 501 Research in Undergraduate Mathematics Education I (3)
MTE 502 Research in Undergraduate Mathematics Education II (3)
MTE 503 Research in Undergraduate Mathematics Education III (3)
MTE 504 Research in Undergraduate Mathematics Education IV (3)

Electives (42 credit hours)

Area Courses (12 credit hours)

Research (6 credit hours)
MTE 792 Research (6)

Culminating Experience (12 credit hours)
MTE 799 Dissertation (12)

Additional Curriculum Information
Four to five graduate-level (500 and above) elective courses from mathematics, cognitive science, psychology, educational technology, philosophy or research should be taken as approved by the advisor.

For the area courses, students are required to take four graduate-level courses from the following areas of interest: mathematics, applied mathematics or statistics. Students should see the academic unit for the approved course list.

Students should see the school's website for information about qualifier and comprehensive examinations based on math coursework.

The doctoral dissertation culminating experience consists of a dissertation prospectus, oral dissertation defense and the submission of a final revised, formatted dissertation document to the Graduate College. Dissertations are composed under chair and committee supervised research including literature review, research, data collection and analysis, and writing.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics or a closely related area, with exceptionally high grades in advanced coursework in mathematics, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At least two of the letters of recommendation must be from faculty.

Career Opportunities:
Graduates of the doctoral program in mathematics education have opportunities in Arizona, the US and internationally, typically at research universities and liberal arts colleges, community colleges, and education consulting firms and in positions such as:

- faculty-track academic
- education consultant or analyst
- mathematics professor, instructor or researcher

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/mathematics-education-phd
WXLR A216
grad.math@asu.edu
480-965-3951

Medieval Studies (certificate), Certificate (LAMEDSTCE)

Online Degree Search Title: Medieval Studies (Graduate Certificate)
Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:
The certificate program in medieval studies prepares students for advanced study or for academic positions by augmenting their skills and knowledge, thereby making them better equipped to meet the demands of their fields.

Degree Requirements:
18 credit hours, or 27 credit hours.

Medieval Latin:
one semester (three or four credit hours) for students at the master's degree level, two semesters (six to eight credit hours) for doctoral students

proficiency attested either by achieving a grade of "B" (3.00 on a 4.00 scale) or better in the Medieval Latin courses or by satisfactory performance on the Medieval/Renaissance Latin examinations offered by the Centre for Medieval Studies at the University of Toronto (the requirement presupposing two years or 12 to 16 credit hours or equivalent of undergraduate training in Latin)

Medieval vernacular language (e.g., Old English, Old Norse, Old French):
two semesters (six credit hours) for students at the master's degree level, three semesters (nine credit hours) for doctoral students

Paleography:
one semester (three credit hours)

Medieval coursework outside the major discipline:
two semesters (six credit hours) for students at the master's degree level, three semesters (nine credit hours) for doctoral students

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students in good standing who are enrolled in an existing master's or doctoral degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The Graduate College requires a TOEFL score of at least 550 (PBT) or 80 (iBT).

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://www.acmrs.org/
COOR 4432
acmrs@asu.edu
480-965-8097

Microbiology, MS (LAMICROMS)

Online Degree Search Title: Microbiology, MS
Campus: Tempe

Program Description:
The MS program in microbiology is designed to prepare students for careers in bacteriology, virology, mycology, immunology and oncology in academic institutions, government agencies or commercial entities.

Students receive advanced training in the study of microbes and their impact on humankind, disease and the environment. They use tools ranging from nanotechnologies and genomics to mathematical models and satellite-based imaging. Students receive training in both teaching and basic, translational and use-inspired research with world-class faculty and collaborative research partners. Faculty members are associated with the School of Life Sciences, The Biodesign Institute, The Translational Genomics Institute, Barrow Neurological Institute, and other area hospitals and research centers.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Biomedical Sciences), BS
Biological Sciences (Conservation Biology and Ecology), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Microbiology, BS
Microbiology (Medical Microbiology), BS
Molecular Biosciences and Biotechnology, BS
Neuroscience, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis.

Required Core (3 credit hours)
MIC 501 Foundations in Microbiology (3)

Electives and Research (21 credit hours)

Culminating Experience (6 credit hours)
MIC 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • academic record form
 • personal statement
 • curriculum vitae or resume
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Prior research experience is a desired qualification for admission.

Career Opportunities:
Professionals with tailored research training in specific directions, including microbial physiology, environmental microbiology, evolution and ecology, immunology, virology, and various aspects of modern molecular genetics are in demand for diverse sectors.

Career examples include:

 • environmental scientists and specialists (including health)
 • lab managers in academic and industrial labs
 • medical and clinical laboratory technologists
 • microbiologists in diverse sectors including food service and health care industry
 • natural sciences managers
 • research technicians in academic and industrial labs

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/microbiology-ms
LSA 181
sols.grad@asu.edu
480-965-1768

Microbiology, PHD (LAMICROPHD)

Online Degree Search Title: Microbiology, PhD
Campus: Tempe

Program Description:
The PhD program in microbiology offers a dynamic research environment; a broad range of basic, translational and use-inspired research areas; cutting-edge transdisciplinary training; and opportunities to work with world-class faculty and collaborative research partners committed to training scientific leaders with skills necessary for addressing significant global microbiological problems and challenges.

This program focuses on the smallest of living things and immunology. Students can tailor the program around their interests, and gain skills in contemporary approaches used in microbiology, biomedicine and biotechnology.

Faculty members are associated with the School of Life Sciences, The Biodesign Institute, The Translational Genomics Institute, Barrow Neurological Institute, and other area hospitals and research centers.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (4 credit hours)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
MIC 501 Foundations in Microbiology (3)

Electives or Research (68 credit hours)

Culminating Experience (12 credit hours)
MIC 799 Dissertation (12)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
 • graduate admission application and application fee
 • official transcripts
 • academic record form
 • personal statement
 • curriculum vitae or resume
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Prior research experience is a desired qualification for admission.

Career Opportunities:
This program provides intense and interactive educational and research training that prepares students for advanced careers in research and education, specifically in bacteriology, virology, mycology, immunology and oncology at universities and colleges, government agencies and industry.

Career possibilities are diverse with opportunities in academic organizations, research and development industries, government service, and other professional organizations.

Career examples include:

 • instructors in universities and colleges

- principal investigators in government labs and nonprofit organizations
- professors in universities and colleges
- research associates in universities
- research scientists in industry

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/microbiology-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Molecular and Cellular Biology, MS (LACELLMS)

Online Degree Search Title: Molecular and Cellular Biology, MS
Campus: Tempe

Program Description:
The MS program in molecular and cellular biology focuses on the fundamental molecular events at the core of all life. It encourages interdisciplinary, innovative, world-class research, allowing students to choose from a diverse range of research and training opportunities that extend beyond the traditional boundaries of biological research. Students are able to tailor the program around their interests and gain skills in contemporary approaches used in molecular and cellular biology.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Biomedical Sciences), BS
Biological Sciences (Conservation Biology and Ecology), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Microbiology, BS
Molecular Biosciences and Biotechnology, BS
Neuroscience, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis.

Required Core (6 credit hours)
MCB 555 Advanced Molecular and Cellular Sciences (3)
MCB 556 Advanced Molecular and Cellular Biology II (3)

Electives or Research (10 credit hours)

Other Requirements (8 credit hours)
MCB 501 Seminar: Molecular and Cellular Biology Colloquium (4)
BIO 543 Molecular Genetics and Genomics (3)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)

Culminating Experience (6 credit hours)
MCB 599 Thesis (6)

Additional Curriculum Information
Students are required to take MCB 501 each semester they are registered. If a student is registered for more or fewer than four semesters, the research hours and MCB 501 hours may be adjusted accordingly to reach 30 credit hours.

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Research experience is a desired qualification.

Career Opportunities:

A master's degree in molecular and cellular biology provides strong preparation for academic careers from community colleges to research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- instructors at community colleges
- researchers and technicians in government labs and non-profit organizations
- science teachers in elementary and high schools

Contact Information:

Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/molecular-cellular-biology-ms
LSA 181
sols.grad@asu.edu
480-965-1768

Molecular and Cellular Biology, PHD (LACELLPHD)

Online Degree Search Title: Molecular/Cellular Biology, PhD
Campus: Tempe

Program Description:

The PhD program in molecular and cellular biology prepares students for careers that cross traditional disciplinary boundaries.

The program focuses on the fundamental molecular events at the core of all life. Students can tailor the program around their interests and gain skills in contemporary approaches used in molecular and cellular biology.

It provides a diverse range of research and training opportunities for doctoral students interested in pursuing a transdisciplinary approach to their studies that extends beyond the traditional boundaries of biological research. Participating faculty members and researchers are drawn from multiple departments, colleges, centers and institutes across the university, including:

- Department of Chemistry and Biochemistry
- Department of Psychology
- New College of Interdisciplinary Arts and Sciences

- School of Biological and Health Systems Engineering
- School for Engineering of Matter, Transport and Energy
- School of Human Evolution and Social Change
- School of Life Sciences
- School of Mathematical and Statistical Sciences

Participating faculty members are also based at partner institutions in the greater Phoenix area, including:

- Barrow Neurological Institute
- Carl T. Hayden Veteran's Administration Medical Center
- Mayo Clinic in Arizona
- Translational Genomics Research Institute
- University of Arizona College of Medicine-Phoenix

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
MCB 555 Advanced Molecular and Cellular Sciences (3)
MCB 556 Advanced Molecular and Cellular Biology II (3)

Electives or Research (54 credit hours)

Other Requirements (12 credit hours)
BIO 543 Molecular Genetics and Genomics (3)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
MCB 701 Seminar: Molecular and Cellular Biology Colloquium (8)

Culminating Experience (12 credit hours)
MCB 799 Dissertation (12)

Additional Curriculum Information
Courses listed as other requirements may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Research experience is a desired qualification.

Career Opportunities:
A doctoral degree in molecular and cellular biology provides strong preparation for academic careers at every level from community colleges to research universities. Graduates possess the skills and knowledge that are also valuable in government careers at federal and state agencies and for careers in industry and nongovernmental organizations.

Career examples include:

- food, agriculture and health care scientists in academic, private and industrial labs
- principal investigators in government labs and non-profit organizations
- professors or instructors in universities and colleges
- science teachers in elementary and high schools

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/molecularcellular-biology-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Museum Studies, MA (LAMUSSTMA)

Online Degree Search Title: Museum Studies, MA
Campus: Tempe

Program Description:
The MA program in museum studies examines how museums produce and reflect culture and examines the role museums play worldwide.

Students develop theoretical questions and applied skills that engage the functions, practices and critical analyses of museums. They also gain practical experience while being encouraged to challenge preconceived notions about museums and the way museums affect and are affected by societies and cultures. Designed to be use-inspired, socially embedded and transcultural, the program ensures that students understand the meaning and significance of museums in contemporary society and prepares them for diverse museum careers.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (3 credit hours)
ASB 579 Critical Issues in Museum Studies (3)

Electives and Research (18)
ASB 592 Research (6)
other electives and research (12)

Other Requirements (9)
ASB 500 Research Methods (3) or ASB 572 Museum Collection Management (3)
ASB 584 Internship (6) OR ASB 584 Internship (3) and ASB 580 Practicum (3)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
For a complete list of approved elective and research courses, students should contact the school.

Internship (ASB 584) and Practicum (ASB 580) must be approved by their supervisory committees, usually in a museum setting or museum quality collection or archive related to their chosen area of study: anthropology, art history, theory and criticism or public history.

Other courses may be substituted for ASB 500 as an equivalent course with academic unit approval.

On completion of the internship, students must submit a journal or portfolio about the internship and skills acquired.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The demand in the job market is for people with the skill set to analyze a broad range of data on human thought and human behavior. There is a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data.

Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- directing nonprofit organizations
- directing programs in the private or public sector

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/degrees/museum-studies-ma
SHESC 233
shesc.grad@asu.edu
480-965-6215

Museum Studies (certificate), Certificate (LAMUSEUMCE)
Online Degree Search Title: Museum Studies (Graduate Certificate)
Campus: Tempe

Program Description:
In the museum studies certificate program, students examine how museums produce and reflect culture and they examine the role museums play worldwide.

Students develop theoretical questions and applied skills that engage the functions, practices and critical analyses of museums. They gain practical experience while being encouraged to challenge preconceived notions about museums and the way they affect and are affected by societies and cultures. Designed to be use-inspired, socially embedded and transcultural, the program ensures that students understand the meaning and significance of museums in contemporary society and prepares them for diverse museum careers.

Degree Requirements:
18 credit hours.

Required Core (3 credit hours)
ASB 579 Critical Issues in Museum Studies (3)

Electives (9 credit hours)

Other Requirements (6 credit hours)
ASB 580 Practicum (3) and ASB 584 Internship (3) OR
ASB 584 Internship (6)

Additional Curriculum Information

Certificate students may choose to specialize in areas such as anthropology, art history and public history.

For a complete list of approved elective and research courses, students should contact the school.

Internship (ASB 584) and Practicum (ASB 580) must be approved by their supervisory committees, usually in a museum setting or museum-quality collection or archive related to their chosen area of study: anthropology, art history, theory and criticism or public history.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count toward their degree program, with the approval and consent of the degree granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count toward their doctoral degree or up to 12 credit hours may count toward their master's degree, with the approval and consent of the degree-granting program.

All requirements for the certificate program should be completed within a three-year time limit with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Students who require more time to finish the program, because of their part-time status or lack of desirable or available courses, must obtain approval from the executive committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement outlining educational and professional goals
  • current curriculum vitae or resume
  • GRE scores
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

For information on spring admission, students should contact the School of Human Evolution and Social Change.

Disclosure information about this U.S. Department of Education Gainful Employment program is available at https://catalog.asu.edu/files/disclosures/LAMUSEUMCE/Gedt.pdf (https://catalog.asu.edu/files/disclosures/LAMUSEUMCE/Gedt.pdf).

Career Opportunities:

The demand in the job market is high for people with a skill set to analyze a broad range of data on human thought and human behavior. There is a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data.

Some career opportunities include:

  • acting as legal advocates in international cases
  • analyzing and proposing policies
  • conducting postgraduate academic research
  • consulting for private and public organizations
  • directing nonprofit organizations
  • directing programs in the private or public sector

Contact Information:

Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu
SHESC 233
shesc.grad@asu.edu
480-965-6215

Nanoscience, PSM (LANANPSM)

Online Degree Search Title: Nanoscience, PSM
Campus: Tempe

This program is not currently accepting applications.

Program Description:
The PSM in nanoscience is a cohesive program of transdisciplinary courses that provide the knowledge base required for research and innovation in nanoscience. The program incorporates courses in:

- chemistry and biochemistry
- electrical engineering
- materials science
- physics

Commercial innovation is a particular target goal of the degree, including applications in:

- biochemistry and sensing technology
- biophysics and biomedical technology
- nanomaterials and nanoscale devices

The Professional Science Master's degree program in nanoscience is suitable for working professionals as well as for students who have obtained a traditional bachelor's degree or master's degree in related fields.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry, BS
Biochemistry (Medicinal Chemistry), BS
Chemistry, BS
Materials Science and Engineering, BSE
Physics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
32 credit hours including the required applied project course (NAN 593).

Required Core (5 credit hours)
NAN 505 Nanoscience and Society (2) or NAN 506 Innovation and IP Management (2)
NAN 571 Quantum Physics (3) or NAN 544 Introduction to Nanoscience (3)

Electives or Research (15 credit hours)

Other Requirements (6 credit hours)
NAN 591 Professional Seminar (6)

Culminating Experience (6 credit hours)
NAN 593 Applied Project (6)

Additional Curriculum Information
Students must take either NAN 505 or NAN 506. Students may also take the other course as an elective.

Students with a physical science or engineering background should take NAN 571 Quantum Physics and students with a biochemistry or life

sciences background should take NAN 544 Introduction to Nanoscience.

The program includes a two-semester, student-centered professional seminar in which emerges the central role of the program as a vehicle for innovation. During the spring semester and summer session, students conduct an individual applied project in association with a research group. Throughout the program, students interact with research faculty and other students in a variety of disciplines related to nanoscience. Students also meet with visiting speakers and industrialists in the professional seminar as well as in other seminars.

If taken full time, the PSM in nanoscience can be completed in 12 months (fall semester, spring semester and two eight-week summer sessions). Another option is the two-year, part-time program which allows prospective students and their employers flexibility in scheduling the program of study.

Students should see the academic unit for a complete list of approved electives. Many of the requisite elective courses are currently offered within the Department of Physics and the Department of Chemistry and Biochemistry. Most are cross-listed with other units.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics, chemistry or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
  • official transcripts
 • personal statement
 • resume
 • two letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores or equivalent are required for applicants whose native language is not English.

The personal statement should outline the applicant's research interests and why the applicant wants to apply to the Professional Science Master's degree program.

GRE scores are not required but are taken into consideration if submitted.

Letters of recommendation should be from individuals familiar with the applicant's work or studies relevant to the program.

Career Opportunities:
Nanoscale science and engineering are having an increasing impact on many aspects of daily life and the opportunities for careers are rapidly expanding. In areas as diverse as designing medical diagnostic devices to building better batteries, from creating cosmetics to enhancing energy efficient windows, from auto and plane manufacturing to researching the nature of matter itself, knowledge of nanoscale science and engineering will be increasingly important during upcoming years and decades.

The highly technical field of nanotechnology and nanoscience is always looking for scientists, engineers and technicians. Career examples include:

 • applications engineer
 • biotechnologist
 • forensic scientist
 • instrument development engineer
 • manufacturing engineer
 • market development manager
 • materials scientist
 • mechanical or electrical engineer
 • medical engineer
 • microscopist
 • optical engineer
 • research scientist

• technical program manager

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://physics.asu.edu/degrees/graduate
PSF 470
nanoscience@asu.edu
480-965-3561

Natural Science (Earth and Space Sciences), MNS (LANATSCIMN)

Online Degree Search Title: Natural Science (Earth and Space Sciences), MNS
Campus: Tempe

This program's name has changed effective Fall 2022. The previous name was Natural Science (Geological Sciences), MNS.

Program Description:
The School of Earth and Space Exploration participates in the program leading to the MNS in natural science with a concentration in earth and space sciences. This transdisciplinary degree program is designed to meet the needs of professionals seeking a graduate-level degree. The program is especially suited for individuals who desire professional training rather than research training.

The program offers the opportunity for transdisciplinary graduate training in the natural sciences (i.e., biological sciences, mathematics and physical sciences) and cognate areas. Because it is flexible by design, the program also offers the opportunity for individualized professional graduate programs depending upon the backgrounds and goals of the students. The program must be transdisciplinary; students are expected to emphasize coursework in two or more areas of specialization.

Degree Requirements:
30 credit hours and an applied project (SES 593).

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Other Requirements (19 credit hours)
SES 501 SESE Colloquium (1)
GLG or SES courses (18)

Electives or Research (4 credit hours)

Culminating Experience (6 credit hours)
SES 593 Applied Project (6)

Additional Curriculum Information
Other Requirements coursework includes SES 501 and 18 credit hours of GLG or SES graduate-level courses. Exceptions and substitutions may be allowed with approval of the academic unit.

The supervisory committee is chosen by the student in conjunction with the advisor. The composition of the supervisory committee must reflect the transdisciplinary nature of the program. The student develops a suitable applied project with the approval of the supervisory committee.

Students must submit a plan of study after conferring with the supervisory committee. While a minimum of 30 credit hours is required for the degree, more credit hours may be required by the supervisory committee, depending upon the background of the student and the nature of the proposed program.

In some cases, undergraduate courses may be required to remove deficiencies.

Admission Requirements:
Admission For Catalog:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
  • graduate admissions application and application fee
  • official transcripts
  • statement of purpose
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Professionals with expertise in earth and space sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, environmental consulting, hazard and risk assessment, geophysics and planetary science. Skills in the measurement and analysis of data related to the physics, chemistry and structures of earthly and planetary systems are valuable to businesses and institutions relying on data-driven strategies to interact with the planet and explore beyond the Earth.

Career examples include:

  • geologist
  • high school teacher
  • science communication expert
  • science writer and science journalist

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/admission/graduate-admission
ISTB4 795
sese-prospectivegrads@asu.edu
480-965-5081

Natural Science (Physics), MNS (LAPHYSMNS)
Online Degree Search Title: Physics, MNS
Campus: Tempe

Program Description:
The MNS program in physics provides transdisciplinary graduate training in physics, physical science or physics education. The program is especially suited for in-service high school science teachers who desire professional training rather than pursuit of a research-based degree.

Designed for flexibility, the curriculum also features individualized professional graduate programs. These programs are well suited to the backgrounds and goals of students. Students are expected to emphasize coursework in two or more areas of concentration. The program must be transdisciplinary.

Degree Requirements:
30 credit hours including the required applied project course (PHS 593).

The graduate advisor and the student suggest three faculty members who reflect the transdisciplinary nature of the program to serve on the supervisory committee which, upon the recommendation of the chair of the Department of Physics, is appointed by the vice provost for the Graduate College soon after the student has been admitted to the degree program.

After conferring with the student, the supervisory committee recommends the plan of study. The committee may require additional coursework to ensure proficiency, depending upon the student's background and the nature of the proposed program. In some cases, undergraduate courses may be required to overcome deficiencies.

Teachers may enroll in these courses in order to earn credit toward recertification or to pursue a Master of Natural Science degree. These courses are held during the summer. Depending on teacher interest, they may be offered at other times. For some courses, the prerequisites are two semesters of trigonometry-based college physics and an introductory calculus course.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited institution. The program is open to in-service high school teachers who have completed two semesters of college physics and an introductory calculus course. Under-prepared teachers can make up deficiencies in regularly scheduled courses. Students must be able to attend classes in-person at the Tempe campus.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- two letters of recommendation
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals familiar with the applicant's work or studies relevant to the natural science program.

Conditions for admission are the availability of resources for the proposed program and a Department of Physics faculty member designated to serve as a graduate advisor.

Career Opportunities:

Master of Natural Science graduates gain deeper understanding of physics and related subjects both conceptually and pedagogy. They are better prepared for teaching physics and other related subjects. Graduates maybe qualified to teach dual enrollment courses in physics or related subjects such as chemistry.

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Liberal Arts and Sciences, The College of
Department of Physics
https://physics.asu.edu/degree/graduate/mns-natural-science-physics
PSF 470
physics.grad@asu.edu
480-965-3561

Neuroscience, PHD (GCBMENPHD)

Online Degree Search Title: Neuroscience, PhD
Campus: Tempe

Program Description:

Neuroscience is the scientific study of the nervous system. Studies in neuroscience can be multifaceted and combine physiology, anatomy, molecular biology, developmental biology, cytology, computer science and mathematical modeling to understand the fundamental and emergent properties of the many different cells in the brain and how they interact and co-regulate each other.

Students integrate several levels of analysis --- molecular, cellular, systems, behavioral and cognitive --- to investigate basic, translational and clinical questions about the relationship between the brain and behavior.

The PhD program in neuroscience includes aspects of graduate-level training from many different units on campus as well as from the program's partner institutions distributed across the greater Phoenix area. Partner institutions include Barrow Neurological Institute, Translational Genomics Research Institute, University of Arizona College of Medicine and Sun Health Research Institute.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
NEU 556 Human Systems Neuroscience (4)
NEU 576 Advanced Cellular and Molecular Neuroscience (3)

Electives or Research (58 credit hours)

Other Requirements (6 credit hours)
NEU 558 Neuroscience Journal Club (3)
NEU 591 Seminar (3)

Culminating Experience (12 credit hours)
NEU 799 Dissertation (12)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Regular admission may be granted to applicants who have achieved the minimum cumulative GPA requirement or better in the last two years of work leading to a bachelor's degree and who are competitive in the applicant pool as evidenced by letters of recommendation. Particular attention is paid to research experience and overall preparation in problem-solving abilities as evidenced by previous coursework and research experiences.

There are no specific undergraduate course requirements other than those implied by the degree requirements described above. Most students are expected to have had coursework in biology, chemistry and math.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • academic record form
  • personal statement
  • curriculum vitae or resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Research experience is a desired qualification.

Career Opportunities:
A doctorate in neuroscience provides strong preparation for academic careers at every level from community colleges to research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies, for careers in industry (biotech, medical or pharmaceutical), as well as nongovernmental organizations.

Career examples include:

  • health care scientists in academic, private and industrial labs
  • principal investigators in government labs and nonprofit organizations
  • professors or instructors in universities and colleges
  • science teachers in elementary and high schools

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences

https://sols.asu.edu/degrees/grad/neuroscience-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Philosophy, MA (LAPHILMA)

Online Degree Search Title: Philosophy, MA
Campus: Tempe

Program Description:
The School of Historical, Philosophical and Religious Studies offers an MA degree program in traditional and contemporary philosophy. General areas of research include ethics, political philosophy, metaphysics, epistemology, philosophy of law, philosophy of science, feminist philosophy, philosophy of language, experimental philosophy and the history of philosophy.

Members of the faculty are involved in interdisciplinary work in a variety of fields and enjoy close ties with the Lincoln Center for Applied Ethics, the Sandra Day O'Connor College of Law, and a number of other graduate programs at ASU. The philosophy program sponsors an active colloquium series and regular philosophical conferences on diverse topics. The Lincoln Center for Applied Ethics also sponsors a wide range of activities, including large-scale conferences, distinguished visitors and support for graduate study.

The program seeks to maintain a balance between course offerings in the traditional areas of philosophy and opportunities for study of current philosophical developments.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)
epistemology (3)
metaphysics (3)
value theory (3)

Electives and Research (15 or 21 credit hours)

Culminating Experience (0 or 6 credit hours)
PHI 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
There are two culminating experience options for the master's degree program in philosophy: the thesis option and the nonthesis portfolio option.

Thesis students take 15 credit hours of electives. Portfolio students take 21 credit hours of electives, which must include PHI 592 Research for three credit hours.

Students should see the academic unit for the list of courses approved for each core area in epistemology, metaphysics and value theory.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • curriculum vitae
  • writing sample
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency as well as a copy of an article or research paper in their native or principal research language in addition to the English writing sample required of all students. The philosophy program requires a TOEFL score of at least 600 (PBT) or 90 (iBT).

The statement of purpose should explain the applicant's specific intent and be no more than 600 words in length.

The writing sample must be a piece of philosophical writing, preferably a seminar paper or published article of no more than 20 pages and not a thesis or dissertation.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify and articulate a philosophical problem or question in one of the core areas in philosophy--that is, metaphysics, epistemology, and value theory.
- Construct a reasoned defense of a clear, creative, and original solution to a philosophical problem in one of the core areas of philosophy--that is, metaphysics, epistemology, and value theory.
- Evaluate a solution or answer to a philosophical problem or question (such as one of those explicated in the course readings)
- Explain a philosophical argument or point verbally.

Career Opportunities:

Both the Master of Arts and doctoral programs in philosophy help students to develop and hone skills that are highly marketable and easily transferable. As routine jobs are increasingly being lost to advances in automation and artificial intelligence, philosophy teaches its students to think critically, creatively and imaginatively. These skills are irreplaceable by technology, highly sought-after by employers, and transferrable from one occupation to another. They include the following skills and abilities: to read closely and with a critical eye, to analyze complex problems, to identify all the possible solutions to that problem, including some creative solutions, to assess the merits of each possible solution, and to articulate and argue for or against various possible solutions in clear, precise and unambiguous language.

As philosophy focuses on honing certain skills rather than acquiring a particular body of knowledge, philosophy prepares its students for a wide variety of careers rather than for just one particular occupation. Indeed, philosophy prepares its students for any career requiring problem-solving; clear, critical and creative thinking; and excellent reading, writing and communication skills.

The master's degree program in philosophy is designed to prepare students to enter doctoral programs, teach philosophy at the community college level, or work in any area that requires critical, analytical thinking, such as medicine, law, government or publishing.

Career examples include:

- businessperson
- computer programmer
- counselor
- educator
- journalist
- lawyer
- politician
- public policy analyst
- publisher
- writer

Contact Information:

Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/graduate/ma-philosophy--ma
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Philosophy, PHD (LAPHILPHD)

Online Degree Search Title: Philosophy, PhD
Campus: Tempe

Program Description:

The School of Historical, Philosophical and Religious Studies offers a newly redesigned PhD program in philosophy. General areas of research include ethics, political philosophy, metaphysics, epistemology, philosophy of law, philosophy of science, philosophy of language, philosophy of religion and the history of philosophy.

The program features a focus on practical and applied philosophy and an interdisciplinary coursework component related to the student's research topic. Practical philosophy includes the fields of ethics, philosophy of law, social and political philosophy, feminist ethics and political philosophy. Applied philosophy includes both the application of theories developed within any of the subdisciplines of philosophy to everyday problems or phenomena; such as the application of the philosophy of language in relation to hate speech or the philosophy of mind in relation to computing and artificial intelligence. Applied philosophy also includes the application of research produced by methods used in other disciplines in order to understand and address philosophical questions, like the application of data-gathering instruments used in psychology to answer questions in experimental philosophy.

Students may design dissertation projects in any of the major subfields of philosophy. For their interdisciplinary coursework supporting the dissertation project, students might, for example, pursue a certificate in social transformation, gender studies, responsible innovation in sciences, or engineering and society.

Members of the faculty are involved in interdisciplinary work in a variety of fields and enjoy close ties with the Lincoln Center for Applied Ethics, the College of Law and a number of other graduate programs at the university. The ASU philosophy faculty group sponsors an active colloquium series and regular philosophical conferences on diverse topics. The Lincoln Center for Applied Ethics also sponsors a wide range of activities, including large-scale conferences, distinguished visitors and support for graduate study.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)
applied philosophy (3)
epistemology (3)
formal methods (3)
metaphysics (3)
value theory (3)

Electives (45 credit hours)

Research (12 credit hours)
PHI 792 Research (12)

Culminating Experience (12 credit hours)
PHI 799 Dissertation (12)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each required core area.

In completing the electives requirements, at least nine credit hours and no more than 18 credit hours must be from other disciplines supporting the student's proposed dissertation area; 30 credit hours from a previously awarded master' degree may apply toward this requirement with approval by the student's supervisory committee and the Graduate College.

To ensure breadth in the traditional areas of philosophy, students must pass with a grade of "B" or better (3.00 on a 4.00 scale).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae

- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency, a copy of an article or research paper in their native or principal research language, as well as the English writing sample required of all students regardless of current residency. The philosophy program requires a TOEFL score of at least 600 (PBT) or 100 (iBT), or 7.0 on the IELTS.

The statement of purpose should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, and the proposed research specialization (no more than 600 words in length).

The writing sample must be a piece of philosophical writing, preferably a seminar paper or published article of no more than 20 pages.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Achieve competence with philosophical literature and writing
- Achieve professional-level skills in mastering literature and philosophical writing
- Identify and articulate a philosophical problem or question in one of the core areas in philosophy--that is, metaphysics, epistemology, and value theory.

Career Opportunities:

Both the MA and doctoral programs in philosophy help students to develop and hone skills that are both highly marketable and easily transferable. As routine jobs are increasingly being lost to advances in automation and artificial intelligence, philosophy teaches its students to think critically, creatively and imaginatively. These skills are irreplaceable by technology, highly sought-after by employers, and transferrable from one occupation to another. They include the following skills and abilities: to read closely and with a critical eye, to analyze complex problems, to identify all the possible solutions to that problem, including some creative solutions, to assess the merits of each possible solution, and to articulate and argue for or against various possible solutions in clear, precise and unambiguous language.

As philosophy focuses on honing certain skills rather than acquiring a particular body of knowledge, philosophy prepares its students for a wide variety of careers rather than for just one particular occupation. Indeed, philosophy prepares its students for any career requiring problem-solving; clear, critical and creative thinking; and excellent reading, writing and communication skills.

The program is designed to prepare students for careers as philosophers, as teachers of philosophy and in areas in which they may benefit from advanced training in philosophy, such as law, civil service and publishing.

Career examples include:

- businessperson
- computer programmer
- counselor
- educator
- journalist
- lawyer
- politician
- public policy analyst
- publisher
- writer

Contact Information:

Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/graduate/phd-philosophy--phd
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Physics, MS (LAPHYSIMS)

Online Degree Search Title: Physics, MS
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The MS program in physics provides graduate instruction and research experience appropriate to many physics-related careers. The structure of the program is flexible enough to allow a wide range of programs of study and a wide range of student backgrounds. It is also suitable for part-time study.

Completion of the program requires a minimum of two years, with students typically taking courses for the first three semesters and completing a research project in their final semester. Each student defends a master's degree thesis at the end of the program.

Degree Requirements:
30 credit hours and a thesis.

The master's degree in physics can emphasize either physics or physics in combination with other fields.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics or a closely related field from a regionally accredited institution. To be admitted to the master's degree program in physics without deficiencies, applicants should have adequate undergraduate preparation equivalent to an undergraduate major of 30 credit hours in physics and 20 credit hours in mathematics. Courses in analytic mechanics, electromagnetism and modern physics, including quantum mechanics, are particularly important.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • test scores for the verbal, quantitative and analytical sections of the GRE
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency in the form of a TOEFL or equivalent score regardless of current residency.

Submission of scores for the physics GRE subject test is recommended, although not mandatory.

Financial support in the form of teaching or research assistantships is contingent upon satisfactory performance in coursework, timely completion of the final examination for the master's degree, and need and availability of such support.

Students on probation are offered financial support only under exceptional circumstances.

Career Opportunities:
As a professional physicist, graduates can advance the frontiers of physics by generating new knowledge in their subfield while working on the most challenging scientific problems at the forefront of human understanding. Physicists are valued for their analytical, technical and mathematical skills and find employment in a vast majority of employment sectors, including:

 • academia
 • engineering
 • finance
 • technology

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://physics.asu.edu/
PSF 470
physics.grad@asu.edu

480-965-3561

Physics, PHD (LAPHYSIPHD)

Online Degree Search Title: Physics, PhD
Campus: Tempe

Program Description:
The PhD program in physics is intended for highly capable students having the interest and ability to follow a career in independent research.
The recent advent of the graduate faculty initiative at ASU extends the spectrum of potential physics doctoral topics and advisors to include highly transdisciplinary projects that draw upon:

- biochemistry
- biology
- chemistry
- electrical engineering
- materials science
- other related fields

Consequently, students and doctoral advisors can craft novel doctoral projects that transcend the classical palette of physics subjects.
Transdisciplinary expertise of this nature is increasingly vital to modern science and technology.

Current areas of particular emphasis within the department include:

- biological physics
- cosmology
- electron diffraction and imaging
- nanoscale and materials physics
- particle physics and astrophysics

The department has more than 90 doctoral students and more than 40 faculty members.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Coursework (18 credit hours)
PHY 500 Research Rotation I (3)
PHY 500 Research Rotation II (3)
PHY 521 Classical and Continuum Mechanics (3)
PHY 531 Electrodynamics (3)
PHY 541 Statistical Physics (3)
PHY 576 Quantum Theory (3)

Electives or Research (54 credit hours)

Culminating Experience (12 credit hours)
PHY 799 Dissertation (12)

Additional Curriculum Information
Of particular note within the core courses are the PHY 500 Research Rotations, which are specifically designed to engage doctoral students in genuine, faculty-guided research starting in their first semester at ASU. Students take PHY 500 in the first and second year of study.

Coursework beyond the core courses is established by the student's doctoral advisor and supervisory committee, working in partnership with the student. The intent is to tailor the doctoral training to the specific research interests and aptitudes of the student while ensuring that each graduating student emerges with the expertise, core knowledge and problem-solving skills that define a successful doctoral degree in physics.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework are made up of electives to reach the required 84 credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics or a closely related area, from a

regionally accredited institution. Applicants must have had adequate undergraduate preparation equivalent to an undergraduate major of 30 credit hours in physics and 20 credit hours in mathematics. Courses in analytic mechanics, electromagnetism and modern physics, including quantum mechanics, are particularly important.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants requesting credit for prior graduate courses, taken either at ASU or elsewhere, must demonstrate mastery of the relevant course material to the graduate-level standards of the Department of Physics.

Career Opportunities:
As a professional physicist, graduates can advance the frontiers of physics by generating new knowledge in their subfield while working on the most challenging scientific problems at the forefront of human understanding. Graduates find positions in a variety of settings, such as academic faculty, administration, government labs, industrial labs and management.

Physicists are valued for their analytical, technical and mathematical skills and find employment in a vast array of employment sectors, including:

- academia
- engineering
- finance
- technology

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://physics.asu.edu/
PSF 470
physics.grad@asu.edu
480-965-3561

Plant Biology and Conservation, MS (LAPLBIOMS)

Online Degree Search Title: Plant Biology and Conservation, MS
Campus: Tempe

Program Description:
Conservation demonstrates a growing need for botanists and conservation biologists in academic institutions, government agencies and nongovernmental organizations.

The MS program in plant biology and conservation provides students with advanced training in plant ecology, evolution and floristics as well as in theory and practice of conservation biology. Students have the opportunity to work with faculty and researchers from ASU and the Desert Botanical Garden, located in Phoenix near ASU's Tempe campus.

This master's degree program is offered in collaboration with the Desert Botanical Garden.

Degree Requirements:
30 credit hours and a thesis.

Required Core (3 credit hours)
PLB 502 Perspectives in Plant Biology (3)

Research (3 credit hours)
PLB 592 Research (3)

Electives (17 credit hours)

Other Requirements (1 credit hour)
BIO 591 Seminar (1)

Culminating Experience (6 credit hours)
PLB 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology, botany or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
 • personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
A master's degree in plant biology and conservation provides strong preparation for academic careers. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for management and conservation and for careers in industry and nongovernmental organizations.

Career examples include:

• conservation scientists
• food and agriculture scientists in academic, private and industrial labs
• instructors at community colleges
• researchers and technicians in government labs and nonprofit organizations
• science teachers in elementary and high schools

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/plant-biology-conservation-ms
LSA 181
sols.grad@asu.edu
480-965-1768

Political Psychology, MA (LAPPSMA)

Online Degree Search Title: Political Psychology, MA
Campus: Online

Program Description:

Developed as an interdisciplinary program crossing political science and psychology, the MA in political psychology was created to aid in the professional advancement of electoral and issue advocacy campaigns, government and private sector careers, and careers in nonprofit organizations. Students learn skills necessary to mobilize voters and social movements, advance governmental programs, design successful political communication strategies, and effectively market political candidates for local, state and federal offices.

The program's mission is to educate students in the most recent insights from evidence-based research, prepare students with innovative tools and knowledge that gives them an advantage over their peers, and encourage hands-on training that ensures what they learn inside of the classroom applies outside of the classroom. Students have regular interactions with world-class teachers and researchers who help students learn how to shape the world in a meaningful and positive way.

The School of Politics and Global Studies is host to the Center on the Future of War, the Center for Latina/os and American Politics Research, and the SPGS Experimental Laboratory. The Department of Psychology hosts 10 doctoral, master's degree and graduate certificate programs that investigate issues such as social influence and persuasion, prejudices and discrimination, and neuroscience and clinical pathology. Faculty members are active in collaborative interdisciplinary research at ASU and with scholars at other universities and have won many major grants and awards.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Political Science, BA
> Political Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required capstone course (PPS 550).

Required Core (3 credit hours)
PPS 501 Fundamentals of Political Psychology (3)

Other Requirement (6 credit hours)
PPS 504 Attitudes and Persuasion (3)
PPS 506 Experimental Design (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
PPS 550 Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a list of approved elective courses.

Other requirement coursework may be substituted with approval from the program director. Substitutions are based on student interest in narrowing their specialization with guidance. This program does not seek to replicate existing communications or marketing degrees, but rather harness the political psychology perspective as applied to a variety of potential student interests and careers.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/political-psychology-ma/)

Career Opportunities:

The Master of Arts program in political psychology prepares students for a variety of careers in politics and related fields. An understanding of how voters make decisions and behave is crucial for jobs in political campaigns, grassroots organizations and political party organizations. The communication skills developed in this program could lead to careers in political marketing or political advertising. Graduates are also prepared for a variety of jobs in local, state or federal government.

Career examples include:

- campaign manager
- campaign strategist
- community organizer
- fundraising consultant
- issue advocacy consultant
- legislative aide
- lobbyist
- media strategist
- political analyst
- political marketing manager

Contact Information:

Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.clas.asu.edu/degrees/graduate/ma-political-psychology
COOR 6748
spgs@asu.edu
480-965-8563

Political Science, MA (LAPOLSCMA)

Online Degree Search Title: Political Science, MA

Campus: Tempe

Please note that the GRE requirement is being waived for fall 2023 admissions.

Program Description:

The MA program in political science offers a variety of areas of specialization within and between the four main subfields of political science -- American politics, comparative politics, international relations, and political theory -- with particular strengths in ethno-religious dynamics, women and politics, political violence, human rights, political psychology, political economy, and Latina/o politics.*

Faculty are also active in collaborative interdisciplinary research at ASU and with scholars at other universities; many have won major grants and awards. The school is host to the Center on the Future of War, the Center for Latina/os and American Politics Research and an experimental lab. Faculty are also affiliated with other centers at ASU, such as the Leadership, Diplomacy and National Security Lab, the Center for the Study of Religion and Conflict, the Melikian Center for Russian, Eurasian, and East European Studies, as well as the Center for the Study of Economic Liberty.

This Master of Arts program may be taken as a terminal program or as a step toward eventual fulfillment of the requirements for the doctorate. Students who plan to obtain the doctorate at ASU should apply directly to the doctoral program.

*Students interested in a political theory specialization should consult with the academic unit prior to application prior to application.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Studies, BA
Political Science, BS

Political Science, BA
Politics and the Economy, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Course (3 credit hours)
POS 503 Empirical Political Inquiry (3)

Other Requirements (6 credit hours)
focus area course (3)
POS 603 Polimetrics I or second focus area course for political theory (3)

Electives (15 - 21 credit hours)

Culminating Experience (0 - 6 credit hours)
POS 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information:
Students selecting the thesis option must submit a written thesis and hold an oral defense. Students selecting the portfolio option must submit a written paper and hold an oral defense.

The course POS 603 Polimetrics I may be substituted with permission of both the director of Graduate studies and the faculty advisor. Students in the political theory focus area take a second focus area course instead of POS 603.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- GRE scores
- three letters of recommendation
- list of political science courses taken
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To assist in evaluating all candidates, the applicant should list titles and related information for all previous undergraduate and graduate courses or coursework in political science or related fields. The file must be saved in a .pdf, .doc, .rtf or .txt format and uploaded with the online graduate admission application. The information should be in a table with the following column headings: Course Title, Undergrad Credit Hours, Graduate Credit Hours, Grade, Institution, Year.

Undergraduate coursework in political science is not a prerequisite for admission. However, master's degree students should have a basic understanding of elementary statistics and the undergraduate content of the political science fields of concentration that they wish to study. Students should allow sufficient time to acquire such a background.

Career Opportunities:
This program provides advanced education for students preparing for research or applied careers in political science in government, nonprofits and

the private sector.

Career examples include:

- campaign consultant
- campaign strategist
- data analyst
- lobbyist
- research specialist

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.clas.asu.edu/degrees/graduate/ma-political-science--ma
COOR 6801
spgs@asu.edu
480-965-8563

Political Science, PHD (LAPOLSCPHD)

Online Degree Search Title: Political Science, PhD
Campus: Tempe
Please note that the GRE requirement is being waived for fall 2023 admissions.
Program Description:
The PhD program in political science is intended to develop scholars who demonstrate a high level of excellence in teaching and research as professional political scientists. It offers a variety of areas of specialization within and between the four main subfields of political science: American politics, comparative politics, international relations and political theory. Students interested in a political theory specialization should consult with the academic unit prior to application.

Program faculty have particular strengths in Latino and Latina politics, women and politics, ethno-religious dynamics, political violence, human rights, political psychology and political economy.

The school is host to the the Center for Latinos and American Politics Research, the Center on the Future of War, and an experimental lab. Faculty are also affiliated with other centers at ASU, such as the Leadership, Diplomacy and National Security Lab; the Center for the Study of Religion and Conflict; the Melikian Center for Russian, Eurasian and East European Studies; as well as the Center for the Study of Economic Liberty. Many faculty members are active in collaborative interdisciplinary research at ASU and with scholars at other universities, and they have won major grants and awards, as have the school's doctoral students.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
POS 503 Empirical Political Inquiry (3)

Electives and Research (39 credit hours)

Culminating Experience (12 credit hours)
POS 799 Dissertation (12)

Additional Curriculum Information
A maximum of 12 credit hours of approved coursework outside the department but within ASU may count toward the required 84 credit hours.

Coursework beyond the 12 credit hour maximum may be taken outside the department with permission of both the director of Graduate Studies and the faculty advisor.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Also required is a formal oral defense of the dissertation and a written comprehensive examination in the major field.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- GRE scores
- three letters of recommendation
- list of political science courses taken
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To assist in evaluating all candidates, the applicant should list titles and related information for all previous undergraduate and graduate courses or coursework in political science or related fields. The file must be saved in a .pdf, .doc, .rtf or .txt format and uploaded with the online graduate admission application. The information should be in a table with the following column headings: Course Title, Undergrad Credit Hours, Graduate Credit Hours, Grade, Institution, Year.

Undergraduate coursework in political science is not a prerequisite for admission. However, applicants to the doctoral program should have a basic understanding of elementary statistics and the undergraduate content of the political science fields of specialization that they wish to study. Students without this background should allow sufficient time to acquire it.

Career Opportunities:
Program graduates have a strong track record of obtaining positions in academic, public and private sectors. The program works closely with students so they have the opportunity and tools needed to achieve their career goals. The doctoral program provides advanced education for students preparing for teaching, research or applied careers in political science in government, nonprofits and the private sector.

Career examples include:

- campaign consultant
- campaign strategist
- data analyst
- lobbyist
- research specialist
- tenure-track or instructional faculty in political science

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/degrees/graduate/phd-political-science--phd
COOR 6801
spgs@asu.edu
480-965-8563

Psychology, PHD (LAPSYCHPHD)

Online Degree Search Title: Psychology, PhD
Campus: Tempe

Program Description:
The Department of Psychology offers PhD programs designed to provide outstanding training in innovative research, methodology and the application of psychological principles to a wide variety of human conditions.

The department is organized into six major areas of interest. The quantitative research methods area is a formalized concentration separate from the other training areas; it requires application directly to that program

(https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAPSYQUPHD/graduate/false
(https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAPSYQUPHD/graduate/false)).

- behavioral neuroscience and comparative psychology
- clinical psychology
- cognitive science
- developmental psychology
- quantitative research methods
- social psychology

Students pursue their graduate studies within one of these six areas, and each area determines the basic curriculum for their graduate program. There is, however, substantial opportunity to integrate courses of study across areas in the department.

Further specialized emphases are available that integrate across programs in the university.

At the core of doctoral training in psychology is an emphasis on the development of skill in research and quantitative methods. Faculty in all six areas are actively engaged in major research programs. These theoretically grounded research programs address the breadth of psychological processes, including evolution and behavior; cognitive processes (e.g., attention, language, memory) as they occur within the context of perception and action, personality and issues of stigma and prejudice; individual resilience; cultural influences on psychological processes; neurobiological and psychosocial processes that underlie behavior and health (e.g., drug abuse, stress, heart disease); prevention of child mental health problems; and lifespan developmental aspects of emotion and cognition.

A unique strength of the Department of Psychology is the wealth of outstanding faculty members whose specialization is quantitative methods. A breadth of courses and experiences in quantitative methods are available that are well integrated into the areas of research that characterize the department and offer students the distinctive opportunity to develop expertise in this critical domain.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 or 4 credit hours)
PSY 502 Professional Issues in Psychology (3) or
PSY 531 Multiple Regression in Psychological Research (4)

Electives and Research (68 or 69 credit hours)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information
In addition to required coursework pertaining to the training area, students take courses related to their area of interest as determined in consultation with their supervisory committees. Requirements vary across training areas.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- SlideRoom application and fee
- statement of purpose form
- curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To apply to the doctoral programs, applicants must follow the instructions on the doctoral program admissions instructions and checklist. It is strongly recommended that applicants download and print this form to ensure completion of the application process and include all of the required supplemental forms.

The Department of Psychology application process is completed online through ASU's Graduate Admission Services which includes the application form and official transcripts. Application to Department of Psychology doctoral programs is also completed via SlideRoom to process supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required but four letters of recommendation may be submitted.

Career Opportunities:
Professionals with expertise in research and applications of psychological science are in high demand across multiple career sectors including academia, education, industry, health care, mental health care, government and community organizations. Skills in measurement, research design and analysis of data across areas of psychological science are important in all of these career sectors as are skills in mental health assessment, prevention, treatment and program evaluation.

Career options include:

- clinical professor
- consultant
- data scientist-biostatistician
- evaluation program specialist
- licensed clinical psychologist
- research associate
- research professor
- senior analyst
- staff psychologist
- teaching faculty

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/admissions/doctoral-admissions/requirements
PSY 201
psychgrad@asu.edu
480-727-4561

Psychology (Quantitative Research Methods), PHD (LAPSYQUPHD)

Online Degree Search Title: Psychology (Quantitative Research Methods), PhD
Campus: Tempe

Program Description:
The quantitative research methods concentration of the PhD program in psychology focuses on the broad class of quantitative and methodological issues that arise in the conduct of both basic and applied psychological research.

There are six core faculty members in the quantitative concentration who, in addition to their quantitative research, collaborate with colleagues in substantive research areas. These collaborations help to support the training of students in quantitative methods against a backdrop of methodological issues associated with the substance of psychological science.

The quantitative concentration program is committed to training the next generation of psychological methodologists who make contributions in developing methods in the areas of measurement, study design and analysis, modeling, and evaluating the utility of new and existing methods in psychological research.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 or 4 credit hours)
PSY 502 Professional Issues in Psychology (3) or
PSY 531 Multiple Regression in Psychological Research (4)

Concentration (3 credit hours)
PSY 533 Structural Equation Modeling (3)

Other Requirements (31 credit hours)
PSY 530 Intermediate Statistics (4)
PSY 532 Analysis of Multivariate Data (3)
PSY 534 Psychometric Methods (3)
PSY 536 Statistical Methods in Prevention Research (3)
PSY 537 Longitudinal Growth Modeling (3)
PSY 538 Advanced Structural Equation Modeling (3)
PSY 539 Multilevel Models for Psychological Research (3)
PSY 540 Missing Data Analysis (3)
PSY 543 Statistical Mediation Analysis (3)
PSY 555 Experimental and Quasi-Experimental Designs for Research (3)

Electives (22 or 23 credit hours)

Research (12 credit hours)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information
Electives are determined in consultation with the student's supervisory committee.

Other requirements courses may be substituted for other courses based on consultation with the student's supervisory committee.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- SlideRoom application and fee
- statement of purpose form
- curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To apply to the doctoral program, applicants must follow the instructions on the Doctoral Program Admissions Instructions and Checklist. It is strongly recommended that applicants download and print the Doctoral Program Admissions Instructions and Checklist to ensure completion of the application process and include all of the required supplemental forms.

The Department of Psychology application process is completed online through ASU's Graduate Admission Services which includes the application form and official transcripts. Application to the Department of Psychology doctoral programs is also completed via SlideRoom to process

supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required but four letters of recommendation may be submitted.

Career Opportunities:
Quantitative psychologists have expertise in both developing and applying sophisticating statistical and methodological solutions to issues that arise in research. Although students' home department is psychology, the skills developed during the doctoral training span an incredible array of applications, including areas like education, health, neuroscience and marketing.

Graduates from the ASU program are especially prized for their ability to work in interdisciplinary teams and to communicate complex concepts clearly.

Career examples include:

- consultant
- data scientist
- policy analyst
- psychology professor
- psychometrician
- research scientist

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/admissions/doctoral-admissions/requirements
PSY 201
psychgrad@asu.edu
480-727-4561

Religious Studies, MA (LARELIGMA)

Online Degree Search Title: Religious Studies, MA
Campus: Tempe

Program Description:
The faculty in religious studies offer a graduate program leading to the MA in religious studies.

Candidates are offered an opportunity to develop knowledge of various religious traditions in their historical and cultural contexts and to learn research methods. Although students often concentrate upon a single religious tradition for their thesis work, the program provides a broadly comparative understanding of religions, not simply a specialist's training in a single tradition.

Degree Requirements:
30 credit hours including the required applied project course (REL 593) and a foreign language exam, or 30 credit hours, a thesis and a foreign language exam.

Required Core (6 credit hours)
REL 501 The Study of Religion I: Genealogies, Disciplines and Power (3)
REL 502 The Study of Religion II: Epistemology, Practice and Mediation(3)

Electives or Research (18-21 credit hours)

Culminating Experience (3-6 credit hours)
REL 599 Thesis (6) or
REL 593 Applied Project (3)

Additional Curriculum Information
There are two options for the culminating experience: a thesis or an applied project. An oral defense of the final written work is required for both options.

The thesis option is recommended for students intending to seek admission to a doctoral program upon completion of the master's degree or for students who plan to teach in the discipline at community colleges. Thesis students must have reading knowledge of all languages relevant to the

proposed thesis topic and take 18 credit hours of electives or research coursework.

The applied project option is recommended for students intending to augment their primary area of expertise and professional training in fields such as counseling, journalism, K-12 education, law, social work and the ministry. The applied project requires submission of three publishable papers: one on theory and method, one on the student's minor area of study, and one on the major area of study. The student's chosen areas of study determine the coursework taken as electives, with applied project students taking 21 credit hours of electives coursework, four courses being in a major area of study and two courses being in a minor area. Reading knowledge of a foreign language relevant to the proposed area of study is required.

The student's plan of study may include up to six credit hours of 400-level coursework or one REL 690: Reading and Conference course with department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Transcripts must show evidence of having completed the equivalent of 15 credit hours of undergraduate work in the study of religions, including advanced courses in both western and Asian or other nonwestern religions. Applicants who have not met this requirement may be required to take additional coursework beyond program requirements to remedy this deficiency.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.50 or higher.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- writing sample
- contact information for three references
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students are required to submit contact information for three academic references who are qualified to provide detailed, accurate evaluations of the applicant's potential as a graduate student in religious studies. Professors are preferred, particularly faculty advisors. Recommenders are contacted by the Graduate College with a request to complete a reference questionnaire.

The statement of purpose should be approximately 1,000 words and should outline the applicant's academic background, career goals and specific areas of interest in religious studies.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Critique and evaluate classical and contemporary theoretical approaches through the examination and evaluation of supporting literature and data in the academic study of religion
- Develop important research questions through critical analysis of primary and secondary sources
- Engage in original research leading to understanding and explaining developments in religion and their broader impact and to present their findings in a clearly written Prospectus Proposal and Defense.

Career Opportunities:
The Master of Arts program in religious studies provides students with training and knowledge relevant to careers in government, nongovernmental organizations, nonprofit organizations, global relationships, intercultural understanding, foreign service, researchers, professional writing, community college teaching, journalism and publishing.

Career examples include:

- book editor
- community college instructor

- foreign service employee
- global affairs writer
- nongovernmental organization professional
- nonprofit management

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/graduate/ma-religious-studies--ma
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Religious Studies, PHD (LARELIGPHD)

Online Degree Search Title: Religious Studies, PhD
Campus: Tempe

Program Description:
The academic study of religion is a central component of the humanities and has become increasingly recognized as a critical tool in understanding society and politics in a globalized world.

The PhD program in religious studies is designed for graduate students who would benefit from greater expertise regarding the nature and role of religion around the world. The program provides supplementary training that includes history, anthropology, political science, journalism, secondary education and justice studies.

Doctoral tracks in the study of religion approach the study in a variety of contexts. Specifically offered are tracks in:

- anthropology of religion
- global Christianity
- Islam in global contexts
- religion in Asia
- religion in the Americas

Degree Requirements:
84 credit hours, foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
REL 501 The Study of Religion I: Genealogies, Disciplines and Power (3)
REL 502 The Study of Religion II: Epistemology, Practice and Mediation (3)

Other Requirement (3 credit hours)
REL 700 Research Methods: Introduction to College Teaching (3)

Electives (51 credit hours)

Research (12 credit hours)
REL 792 Research (12)

Culminating Experience (12 credit hours)
REL 799 Dissertation (12)

Additional Curriculum Information

Students must choose one of the five focus areas that are listed in the program description, and they select courses for the focus area as part of their electives in consultation with their supervisory committee.

As part of electives, students may include up to three credit hours of REL 690 Reading and Conference. Additionally, students may select up to six credit hours of graduate-level courses from a related discipline that support the student's research.

Other requirement course REL 700 may be substituted with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously

awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework will be made up of electives and research.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Transcripts must show evidence of having completed the equivalent of 15 credit hours of undergraduate work in the study of religions, including advanced courses in both western and Asian or other nonwestern religions. Applicants who have not met this requirement may be required to take additional coursework beyond program requirements to remedy this deficiency.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.50 or higher.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • curriculum vitae
  • writing sample
  • contact information for three references
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The Graduate College requires a minimum TOEFL score of 550 (PBT) or 80 (iBT).

The statement of purpose should be approximately 1,000 words describing the applicant's academic background, the reasons for wishing to pursue a doctorate in religious studies, the proposed area of specialization, and specific research topics the student plans to engage in at Arizona State University.

The writing sample should be a work of original scholarly writing, approximately 15 to 30 pages in length. It should represent the student's best academic writing.

Students are required to submit contact information for three academic references who are qualified to provide detailed, accurate evaluations of the applicant's potential as a graduate student in religious studies. Professors, particularly faculty advisors, are preferred. Recommenders are contacted by the Graduate College with a request to complete a reference questionnaire. Letters of recommendation can be submitted in addition to answering these questions online.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Analyze and present theories and methods in the study of religion through in-class discussion, oral presentation, and submission of original written seminar paper
  • Critically analyze religion(s) by formulating research questions, examining various kinds of qualitative data, and drawing connections to relevant secondary literatures
  • Conduct original research through a doctoral study drawing connections to relevant secondary literature, collect and analyzes primary data, communicate, and defend responses to research questions.

Career Opportunities:
The doctoral program in religious studies provides students with training and knowledge relevant to careers in a variety of different roles and in a range of employment sectors. Some typical employers include government agencies, especially the U.S. Department of Health and Human Services; nongovernmental organizations; schools, colleges and universities; charities and nonprofit organizations; social services; and churches and other religious organizations.

Career examples include:

  • book editor
  • church administrator
  • case management director

- foreign service employee
- global affairs writer
- nongovernmental organization professional
- nonprofit manager
- professional researcher and writer
- university instructor

Contact Information:

Liberal Arts and Sciences, The College of

Historical, Philosophical & Religious Studies, Sch

https://shprs.asu.edu/degree/graduate/phd-religious-studies--phd

COOR 4595

SHPRSGradInfo@asu.edu

480-965-5778

Renaissance Studies (certificate), Certificate (LARENAISCE)

Online Degree Search Title: Renaissance Studies (Graduate Certificate)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

In this Renaissance studies certificate program, Renaissance language, early modern language and paleography lay the foundation for the examination of a time that gave the world humanism, the statue of David and more.

Degree Requirements:

18 credit hours (MA certificate), or 27 credit hours (PhD certificate).

Renaissance Language:

Master's degree students are required to take one semester of a Renaissance language (three to four credit hours). Doctoral degree students of Medieval/Renaissance Latin, Spanish literature or Portuguese literature are required to take two semesters (six to eight credit hours). This requirement presupposes two years or 12 to 16 credit hours or the equivalent of undergraduate training in Latin.

Proficiency is proven either by achieving a grade of "B" or better (3.00 on a 4.00 scale) in the medieval Latin courses or by satisfactory performance on the Medieval/Renaissance Latin examinations offered by the Centre for Medieval Studies, University of Toronto.

Early modern language at the upper-division level:

Master's degree students are required to take two semesters (six credit hours). Doctoral degree students are required to take three semesters (nine credit hours). Literature or linguistics classes may apply.

Paleography:

Students are required to take one semester (three credit hours).

Coursework outside the major discipline:

Master's degree students are required to take two semesters (six credit hours). Doctoral degree students are required to take three semesters (nine credit hours).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students enrolled in an existing master's degree or doctoral program and in good standing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Career Opportunities:
Students completing the certificate program are prepared for advanced study or for academic positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/certificate/certificate-renaissance-studies
COOR 4432
acmrs@asu.edu
480-965-8097

Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)

Online Degree Search Title: Scientific Teaching in Higher Education Certificate (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate program in scientific teaching in higher education provides graduate students with the skills and knowledge needed to implement and evaluate evidence-based teaching at the college level.

As part of the program, students gain experience teaching science in a higher education setting, take teaching-related coursework, and complete a culminating experience under the guidance of a scientific teaching faculty mentor. This culminating experience can be either a significant teaching experience, including the use of evidence-based teaching, or discipline-based education research focused on undergraduate science education.

Degree Requirements:
15 credit hours including an applied project course (BIO 593).

Required Core (2 credit hours)
BIO 530 Scientific Teaching (2)

Electives (10 credit hours)

Culminating Experience (3 credit hours)
BIO 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admissions application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
Professionals with expertise in scientific teaching are in high demand in academia and educational institutions. The skills and knowledge obtained in this program are also valuable for careers in federal and state agencies responsible for educational policy, in industry and in nongovernmental organizations.

Career examples include:

- educators in nonprofit organizations and government agencies
- professors or instructors in universities and colleges
- science teachers in elementary and high schools

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degrees/grad/scientific-teaching-higher-education-certificate-graduate-certificate
LSA 181
sols.grad@asu.edu
480-965-1768

Sexuality Studies (Certificate), Certificate (LASXSGRCT)

Online Degree Search Title: Sexuality Studies (Graduate Certificate)
Campus: Downtown Phoenix, Tempe, West

Program Description:
The graduate certificate program in sexuality studies addresses the social construction and political economy of sexualities, sexual identities and cultures. This program interrogates heterosexuality and institutionalized heteronormativity and addresses lesbian, gay, bisexual, transgender, queer and two-spirit identities and expressions as well as nonnormative sexual identities that are not captured by LGBTQ categories.

This program allows students the flexibility to work with courses in sexuality studies offered across disciplines and units at ASU. Students gain theoretical and analytic tools to examine gendered and racialized sexual structural inequities and how social issues, economic inequalities and state institutions impact and are impacted by sexuality as a social norm. In addition, coursework allows students to further investigate sexualities in relation to sexual stratification, reproductive rights and justice, sexual health and justice, carceral genders and sexualities, sex work, the state and legal system, and transnational and diasporic formations. The certificate integrates disciplinary, multidisciplinary and interdisciplinary perspectives.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
SST 604 Sexuality Studies (3)

Electives (12 credit hours)

Additional Curriculum Information
For elective coursework, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a statement of purpose for pursuing the certificate
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The certificate is only open to current ASU degree-seeking students. However, with academic unit and Graduate College approval, up to nine credit hours of ASU nondegree credit may be transferred into the certificate program for those who eventually gain admission into an ASU graduate degree program. This is administered by the graduate certificate committee. Students should refer to the Graduate College policy on certificate programs.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
   •Analyze how sexuality has been conceptualized and understood as an interdisciplinary category of analysis across the humanities, social sciences, and/or behavioral sciences.
   •Articulate key theories that have contributed to the development of sexuality studies and their significance.

Career Opportunities:
Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact Information:
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School of Social Transformation
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SSTadvising@asu.edu
480-965-7682

Social and Cultural Pedagogy, MA (LASCPMA)

Online Degree Search Title: Social and Cultural Pedagogy, MA
Campus: Tempe

Program Description:
The MA in social and cultural pedagogy is a two-year program designed for educators with professional experience who seek to develop real-world skills and practical knowledge to help them accomplish specific career goals.

After being equipped with philosophical, theoretical and practical knowledge on social pedagogy, students are able to analyze social structures and cultural dynamics, and work with communities to address complex societal problems through the design, implementation and evaluation of socio-educational strategies.

Students have the opportunity to create an individualized path of study that accommodates their personal interests and career goals. Students can also join a vibrant university club (Social and Cultural Pedagogy Graduate Organization), a national organization of scholars and practitioners (Social Pedagogy Association) and an international organization (Global Alliance for Social Pedagogy and Social Education).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Asian Pacific American Studies, BA
    Justice Studies, BS
    Justice Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (SST 593).

Required Core (9 credit hours)
JUS 500 Research Methods (3)
SST 501 Foundations of Social Transformation (3)
SST 510 Social and Cultural Pedagogy: Theoretical and Practical Issues (3)

Electives (15 or 18 credit hours)

Culminating Experience (3 or 6 credit hours)
SST 593 Applied Project (3) or
SST 599 Thesis (6)

Additional Curriculum Information
Students who elect to complete the applied project option must take 18 credit hours of elective coursework to reach the required 30 credit hours for the program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution recognized by ASU.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor' degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • statement of purpose
 • resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores are required for applicants whose native language is not English.

Applicants should supply a two- to three-page application letter (writing sample) in which they explain why they want to study in this program and why they feel well prepared to succeed in this graduate program.

The resume should describe prior educational history, related work or volunteer experiences.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
 •Demonstrate an understanding of key theories and concepts in the field of Social and Cultural Pedagogy in both their written and oral presentation work.
 •Demonstrate the ability to interpret and conduct quantitative and qualitative research.
 •Demonstrate knowledge of social transformation and social change through an interdisciplinary lens and use an interdisciplinary/multidisciplinary approach to address social/cultural pedagogy issues and solutions in their projects.

Career Opportunities:
This master's degree enables graduates to create a better future via traditional, nontraditional and nonformal educational settings, including early childhood education programs, schools, youth programs, local governments, nongovernmental organizations, museums, nonprofits, intercultural programs, co-operatives, citizenship education, human rights programs, anti-poverty programs, community development programs, literacy programs, community centers and social movements.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation

Social Science Research Methods (Certificate), Certificate (LASSRMGRCT)

Online Degree Search Title: Social Science Research Methods (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

Many of the biggest problems today --- from tracking the outbreak of diseases to managing scarce water resources to understanding the impact of new technologies --- require collaboration across the medical sciences, the physical and biological sciences, the social sciences and engineering. ASU's emphasis on collaborative work across disciplines is crucial for understanding these complex problems and to develop solutions.

The interdisciplinary graduate certificate program in social science research methods prepares students to acquire, manage and analyze a broad range of data on human thought and human behavior. Data can be qualitative (e.g., text, images or sound) or quantitative (e.g., direct observation, surveys or geospatial). Data acquisition skills may include the downloading and managing of information from online sources or the primary collection of data in surveys or in direct observation. A key feature of this program is a focus on data analysis, so students and professionals will be able to analyze and interpret any data that they can collect. All students in this program demonstrate skills in statistical analysis as well as a selection of methods related to their interests.

This program is designed for applicants who hold a minimum of a bachelor's degree from regional, national or internationally accredited institutions, and in any field or discipline (e.g., anthropology, sociology, human development, sustainability, geography, political science or other fields with approval of the academic unit).

Degree Requirements:

18 credit hours including an applied project course (GCU 593).

Required Core (3 or 4 credit hours)
FAS 508 Structural Equation Analysis for the Social Sciences (3) or
SOC 508 Structural Equation Analysis for the Social Sciences (3) or
STP 533 Applied Multivariate Analysis (3) or
STP 530 Applied Regressions Analysis (3) or
STP 531 Applied Analysis of Variance (3) or
PSY 531 Multiple Regression in Psychological Research (4)

Electives or Research (11 or 12 credit hours)

Culminating Experience (3 credit hours)
GCU 593 Applied Project (3)

Additional Curriculum Information
Students select one of the multivariate data analysis core courses for a total of three or four credit hours.

Students select four elective and research methods courses for a total of 11 or 12 credit hours in consultation with the program directors. The program recognizes that other graduate-level courses on research methods are offered at ASU. Advanced courses on methods are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their certificate curriculum with approval of the program directors.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a field such as human development, sustainability, geography or political science. Other subject areas may be accepted with approval from the academic unit.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must have completed an introductory statistics course before admission to the program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of interest
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Examples of introductory statistics courses include:
CRJ 504 Statistical Tools for Criminology and Criminal Justice
NUR 617 Foundational Concepts in Science and Statistics
POS 603 Polimetrics I
STP 530 Applied Regression Analysis
or equivalent with approval of the academic unit

A statement of interest should include how the certificate program will enhance the applicant's graduate studies or professional work.

Career Opportunities:

Professionals with expertise in social science research are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in data acquisition, management and analysis are valuable to businesses and institutions relying on data-driven strategies in an interdisciplinary and collaborative marketplace.

Career examples include:

- data analyst
- economist
- field researcher
- human behavior researcher
- social science research assistant
- statistician

Contact Information:

Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://issr.asu.edu
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480-965-5005

Social Transformation Certificate, Certificate (LASOTGRCT)

Online Degree Search Title: Social Transformation (Graduate Certificate)
Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

The graduate certificate program in social transformation is designed for graduate and postbaccalaureate students interested in how change is catalyzed by social movements, protest, law, social entrepreneurship, activism and community organizing. Through the exploration of theories and research related to social change, students are able to augment their disciplinary degrees and are prepared to contribute as leaders and change-makers in their communities.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)
SST 501 Foundations of Social Transformation (3)

Electives (12 credit hours)

Additional Curriculum Information
The electives taken are selected with the faculty advisor. The faculty advisor helps to directionalize the electives to ensure they have a common theme. This helps to ensure students' experiences in the courses align with the learning goals outlined for the certificate.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of purpose
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students must submit a statement of purpose to the School of Social Transformation that is no longer than 250 words. The statement should indicate any demonstrated interest in the study of social transformation (e.g., previous coursework, professional experience, internships, career plans).

Applicants must meet the above criteria as judged by the School of Social Transformation graduate committee to have strong academic credentials, undergraduate or graduate GPA, as well as demonstrated interest in the area of social transformation. The committee reviews applications for the certificate program in the fall and spring semesters of each year and makes its admission recommendations to Graduate Admission Services.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Demonstrate knowledge of social theory, concepts and research methods to understand social change issues and analyze solutions to social problems.
  • Apply the foundations and principles of social change theory and research to specific domestic or international issues through advanced research.

Career Opportunities:
Certificate graduates may go on to law school, graduate school or other professional degree programs. Potential career options include working as community organizers, youth and community advocates, community-based researchers and social justice consultants.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
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480-965-7682

Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)
Online Degree Search Title: Socio-Economic Justice (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate in socioeconomic justice addresses the social and political implications of global and local economies for economic inequality and social justice. This transdisciplinary program fuses interests in political economy, socioeconomic inequality and analysis of related

policies and their consequences for social welfare in areas of income, housing, employment and education.

This program complements the current graduate curriculum at ASU and is structured to allow students to draw upon a combination of core courses in justice and social inquiry and coursework from units from throughout the university. The approach is transdisciplinary (i.e., inclusive of courses in a variety of disciplines but transcending disciplinary boundaries through an integrative core curriculum), intersectional (i.e., considering gender, race, class, nation and sexual relations) and transnational (courses that examine global and local concerns). It strengthens student understanding of the justice implications of the convergence of social and economic inequalities in the global economy.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
Students must select one course from each of the following two areas of study:
Economic Justice (3 credit hours)
JUS 550 Gender, Race and Economic Justice (3) or
JUS 660 Globalization and Economic Justice (3)Conducting Research in Communities (3 credit hours)
JHR 525 Action Research in Social Justice and Human Rights (3) or
JUS 633 Community Research (3)
Electives (9 credit hours)

Additional Curriculum Information
Students must select three elective courses on socioeconomic justice from a restricted list, and they should see the academic unit for the full list of possible courses.

Only one 400-level course may be listed on the plan of study. Students must have prior approval from the director of the certificate program for use of any 400-level course.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • at least one letter of recommendation
  • statement of purpose for pursuing the certificate
  • writing sample demonstrating excellent writing and analytical skills
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The letter of recommendation, statement of purpose and writing sample should be submitted to the justice and social inquiry program office.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Conduct systematic analyses (quantitative and qualitative) of the social and political dimensions of global and/or local economics and their implications for social justice.
  • Demonstrate knowledge of socio-economic and intersectional dimensions of justice, in relation to public policies at the local, national and global level.

Career Opportunities:
Graduates of this program are prepared to work in justice-related organizations, work in community colleges, pursue graduate programs and research in the justice field.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

Sociology, MA (LASOCMA)

Online Degree Search Title: Sociology, MA
Campus: Online

Program Description:
The MA program in sociology provides advanced training for those preparing for applied careers in sociology. Students gain knowledge and skills that can be used to promote healthy individuals and families. They develop an understanding of how social context influences well-being and an understanding of the factors that promote successful relationships and positive outcomes.

The online format provides easy access to rigorous and valuable information that informs best practices in improving the lives of individuals, families and communities. The program also includes a customizable culminating experience that allows students to focus their training in their areas of interest and work.

Degree Requirements:
30 credit hours and the required capstone course (SOC 588).

Required Core (9 credit hours)
SOC 585 Sociological Theory (3)
SOC 586 Capstone I or FAS 586 Capstone I (3)
SOC 587 Capstone II or FAS 587 Capstone II (3)

Electives (12 credit hours)

Other Requirements (6 credit hours)
SOC 500 Research Methods (3)
SOC 501 Social Statistics (3)

Culminating Experience (3 credit hours)
SOC 588 Capstone III (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

SOC 500 and SOC 501 may be replaced by equivalent courses with approval by the academic advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate coursework
• current resume or curriculum vitae

- a personal statement of goals relevant to the master's degree program
- two letters of recommendation from academic or professional backgrounds
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency; required is a TOEFL score of at least 600.

The personal statement must be four to five pages long, double-spaced, and it should address the applicant's professional goals, applicant's strengths for success in the program, and any relevant professional experience or responsibilities that have been completed.

Letters of recommendation must be from at least two individuals with a professional or academic background and connection to the applicant. Family members and friends do not meet this criterion. Letters of recommendation will be received electronically.

Applicants should see the program website for application deadlines and admission terms.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-sociology/)

Career Opportunities:
Professionals with expertise in research methodologies and data analysis coupled with an understanding of social and cultural issues and social change are sought after in areas like human services, human resources, education, public policy and community service in the social service, business and nonprofit sectors.

Career examples include:

- case managers
- mediators
- mental health counselors
- probation officers
- social and community service managers
- sociologists
- sociology instructors
- social workers
- urban and regional planners

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/degree/graduate/ma-sociology--ma
SS 144
graduatesanford@asu.edu
480-965-6875

Sociology, PHD (LASOCPHD)

Online Degree Search Title: Sociology, PhD
Campus: Tempe

Program Description:
The PhD program in sociology provides advanced training in theory, research methodology and substantive fields to prepare sociologists for teaching and research with special emphasis on family, medical sociology and demography.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
SOC 603 Perspectives in Sociological Inquiry (3)
SOC 685 Applied Social Theory (3)

Theory (3 credit hours)

Methods (3 credit hours)

Statistics (3 credit hours)

Elective and Research (27 credit hours)

Culminating Experience (12 credit hours)
SOC 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, 30 credit hours from a previously awarded master's degree are allowed to be used toward this degree.

A minimum of 30 credit hours of the approved doctoral program, exclusive of dissertation and research hours, must be completed after admission to the program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a master's degree in sociology or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • current resume or curriculum vitae
  • personal statement detailing professional goals and research experiences
  • writing sample
  • GRE scores (verbal, quantitative and writing)
  • three letters of appraisal from persons familiar with the applicant's academic background
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A personal statement is required. It must be three pages or less, double-spaced, and address the applicant's professional goals and reasons for desiring to enroll in the program, describe strengths that will help the student succeed in the program and reach professional goals, describe research experience (include a description of master's thesis if applicable) and relevant responsibilities held, indicate personal research interests as specifically as possible, and include any additional information that will help the committee to evaluate the application.

Three letters of recommendation are required, including at least one from an instructor at the applicant's institution where graduate work was completed and at least one from an instructor at the applicant's institution where undergraduate or graduate work was completed. These letters should be from people who know the applicant as a student or in a professional capacity. Letters from family members or friends do not meet this criterion.

Students should see the program website for application deadlines.

Career Opportunities:
Professionals with expertise in research methodologies and data analysis as well as an understanding of cultural and social change, various social issues and phenomena are sought after in many areas, including human services, business, education, public policy, and community service and nonprofit sectors.

Career examples include:

  • demographers
  • mediators
  • research professionals
  • social and community service managers
  • sociologists

- sociology instructors
- urban and regional planners

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/degree/graduate/phd-sociology
SS 217
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480-965-2474

Spanish, MA (LASPANMA)

Online Degree Search Title: Spanish, MA
Campus: Tempe

Program Description:
The MA program in Spanish includes tracks in literature and culture and in linguistics. While the former includes Spanish, Spanish American and Mexican American literature and culture, the latter includes sociolinguistics or second language acquisition and applied linguistics.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Spanish, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio.

Required Core (3 credit hours)
SPA 540 History of the Spanish Language (3)

Culminating Experience
portfolio

Additional Curriculum Information
Students seeking a master's degree in Spanish should consult with the respective graduate representative.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should provide an academic writing sample such as an academic term paper, critical paper or research paper approximately 10 to 25 pages, prepared in an upper-division or graduate Spanish course.

Applicants should provide a personal statement that is no more than two pages, summarizing past educational experiences and goals in pursuing a graduate degree.

Career Opportunities:
Professionals with this degree can confidently move into further academic, business and international fields. Skills developed through this program are valued for teaching positions, including in museums and libraries; translation work; work in a larger sector such as governmental, diplomatic and international business; and for careers in publishing, media, nonprofits and international relations.

Career examples include:

- area, ethnic and cultural studies teachers and professors
- foreign language and literature teachers and professors
- historians
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/ma-spanish--ma
DH 318
silc@asu.edu
480-965-6281

Spanish, PHD (LASPANPHD)

Online Degree Search Title: Spanish, PhD
Campus: Tempe

Program Description:
The Spanish PhD program consists of two specializations in Spanish literature or culture and three tracks: early modern, Mexican-American studies and visual cultures.

The specializations in Spanish literature and cultural studies, which are intended to be as flexible as possible, establish broad areas of competence through an individualized program of study set with the supportive guidance of the student's advisor.

In addition, the track in literature consists of five courses that allow for a specialization in early modern, Mexican-American studies or visual cultures.

Graduate courses in literature and cultural studies focus on the production, distribution and reception of texts and their linguistics, either written or visual (e.g., photographs, films, visual narratives), their linguistic, rhetorical and literary structure and functions, with an emphasis on literary theories and aesthetics. Many literature courses explore issues relating to gender, class, race, ethnicity, globalization, environmental humanities, disability theories, post-human theories and digital humanities.

Degree Requirements:
84 credit hours, a foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
SPA 545 Concepts of Literary Criticism (3)

Literature and Culture Electives (51 credit hours)

Electives (6 credit hours)

Research (12 credit hours)
SPA 792 Research (12)

Culminating Experience (12 credit hours)
SPA 799 Dissertation (12)

Additional Curriculum Information
Coursework for the literature and culture electives must be SPA literature or culture content courses and approved by the student's supervisory committee. Students may not use SPA 596 Second Language Methodologies towards this requirement.

Each candidate is expected to demonstrate a reading knowledge of one language other than English and Spanish. This language requirement must be satisfied before the candidate is eligible to take the comprehensive examination.

The written and oral comprehensive examination, designed to ascertain the candidate's knowledge and orientation in the field of study and competency to proceed with the dissertation, is required at or near the end of coursework.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish or equivalent from a regionally accredited institution. Applicants from other academic backgrounds with relevant coursework in Spanish language and cultural studies also may be evaluated by the admissions committee.

Applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • writing sample
 • personal statement
 • resume
 • three letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is recommended but not required that students applying for admission to the program submit GRE scores; this is especially advisable for applicants for the Spanish Graduate Fellowship Award.

Candidates for the program are required to demonstrate a near-native oral proficiency in Spanish and to show that they have developed a high order of expository prose in English and Spanish by presenting a term paper or a chapter of the master's degree thesis as their writing sample.

Career Opportunities:
Professionals with this degree can confidently move into the academic profession, careers in education, including in museums and libraries, and professions outside academia such as in the publishing industry, media, nonprofits and international relations. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

 • area, ethnic and cultural studies teachers and professors
 • editors
 • foreign language and literature teachers and professors
 • instructional design coordinators
 • interpreters and translators
 • lawyers
 • reporters and correspondents
 • social and community service managers

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
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Spanish Language Pedagogy (certificate), Certificate (LASPAPGRCT)

Online Degree Search Title: Spanish Language Pedagogy (Graduate Certificate)
Campus: Tempe

Program Description:
Through graduate coursework, the certificate program in Spanish language pedagogy enables practicing teachers and graduate students to understand the process of Spanish language acquisition and learn cutting-edge teaching methodologies to make sound pedagogical decisions that lead to effective teaching and learning.

Students gain competence in designing effective and engaging Spanish language lessons for their students and learn to be sensitive to the needs of students with diverse linguistic and cultural backgrounds, such as heritage learners. Students learn to design accurate assessment measurements, writing assignments and culture-based lessons as well as utilize modern technologies to enhance Spanish language education.

Degree Requirements:
18 credit hours and a portfolio.

Required Core (3 credit hours)
SPA 596 Second Language Methodologies (3)

Other Requirements (9 credit hours)
SPA 543 Structure of Spanish (3)
SPA 546 Heritage Language Pedagogy (3)
SPA 598 ST: Spanish Second Language Acquisition (3)

Electives (6 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
For courses listed as other requirements, alternative courses may be used with approval of the certificate codirectors.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish, Spanish literature and culture, Spanish linguistics, applied linguistics, second language acquisition and teaching, or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Career Opportunities:

Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

- area, ethnic and cultural studies teachers and professors
- editors
- foreign language and literature teachers and professors
- historians
- instructional coordinators
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers

Contact Information:

Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-spanish-lng-pedagogy
DH 318
SILC@asu.edu
480-965-6281

Spanish Linguistics, PHD (LASPALIPHD)

Online Degree Search Title: Spanish Linguistics, PhD
Campus: Tempe

Program Description:

The PhD program in Spanish linguistics offers advanced interdisciplinary graduate training that combines key areas in second language acquisition and teaching, applied linguistics, heritage language research and pedagogy, sociolinguistics and bilingualism with the supportive guidance of the student's advisor that best prepares the candidate for a productive career in the discipline of Hispanic studies.

Degree Requirements:

84 credit hours, a foreign language exam, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
SPA 543 Structure of Spanish (3)

Track (9 credit hours)

Electives or Research (41 credit hours)

Other Requirements (19 credit hours)
COE 502 Introduction to Data Analysis (3)
GRD 791 Seminar: Preparing Future Faculty and Scholars (PFx) (1)
SPA 544 Spanish Phonology (3)
SPA 546 Heritage Language Pedagogy (3)
SPA 598 Topic: Research Methods for Linguists (3)
SPA 598 Topic: Sociolinguistics (3)
SPA 598 Topic: Spanish Second Language Acquisition (3)

Culminating Experience (12 credit hours)
SPA 799 Dissertation (12)

Additional Curriculum Information
Students choose a track from two available: in Spanish heritage studies and sociolinguistics, or in second language acquisition and teaching. Students should see the academic unit for the approved course list for each track.

Each candidate is expected to demonstrate a reading knowledge of one language other than English and Spanish. This language requirement must

be satisfied before the candidate is eligible to take the comprehensive examination.

Other requirements courses may be substituted with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used toward this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives or research to reach the required 84 credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 ="A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
The doctoral program in Spanish linguistics prepares students for entrance into an academic profession (teacher, scholar) as well as for a profession outside of academia. Professionals with the valued skills developed through this degree program can confidently move into business, diplomatic, government and international fields.

Career examples include:

- editors
- foreign language and linguistics teachers and professors
- instructional design coordinators
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers
- teachers and professors of area, ethnic and cultural studies

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/graduate/phd-spanish-linguistics
DH 318
silc@asu.edu
480-965-6281

Statistics, MS (GCSTATMS)

Online Degree Search Title: Statistics, MS
Campus: Tempe
Spring admission is limited to students in the 4+1 program.
Program Description:
The MS program in statistics draws upon a wide spectrum of faculty research and teaching interests, including from faculty outside of the school. As a result, plans of study can be transdisciplinary and tailored to reflect students' individual needs and goals.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Mathematics (Statistics), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a portfolio - Professional Track, or 30 credit hours including a thesis - Academic Track, or 30 credit hours including an applied project (STP 593) - Academic Track, or 30 credit hours, a written comprehensive exam and an oral comprehensive exam - Academic Track.

Required Core (3 credit hours)
ECN 525 Applied Regression Models (3) or
IEE 578 Regression Analysis (3) or
STP 530 Applied Regression Analysis (3)

Track Coursework (9 or 12 credit hours)

Electives (9-18 credit hours)

Culminating Experience (0-6 credit hours)
ECN 599 or IEE 599 or STP 599 Thesis (6)
STP 593 Applied Project (3)
oral and written comprehensive exam (0)
portfolio (0)

Additional Curriculum Information
Students in the Masters of Science program in statistics are required to select one of the two available tracks: the academic track or the professional track. Students should speak with their advisor in regards to the selection of a track and elective coursework based on the target career.

Students in the professional track complete the portfolio culminating experience and students in the academic track choose from an applied project, thesis or comprehensive exams.

Prerequisites may not be used to complete the 30 credit hours required for the degree.

If a student selects the thesis or applied project options, they must be defended at an oral examination. The thesis must conform to the Graduate College format requirements.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, statistics or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- three letters of recommendation
- proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should have completed the following courses (equivalents at ASU are given in parentheses) and applicants who lack any of these prerequisite courses must complete the prerequisites before being considered for admission:

- advanced calculus (MAT 371)
- calculus (MAT 270, MAT 271 and MAT 272)
- computer programming (CSE 100)
- introductory statistics (STP 420)
- linear algebra (MAT 342)

Career Opportunities:
Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market.

Graduates with a master's degree in statistics can pursue a broad variety of careers in fields as diverse as business, finance, engineering, technology, education, marketing, government and other areas of the economy. These are just a few of the top career opportunities:

- actuary
- business consultant or analyst
- data scientist
- financial analyst
- market research analyst
- software engineer
- statistician

This program also provides preparation for students interested in doctoral study and a faculty-track academic career.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/statistics-ms
WXLR A216
grad.math@asu.edu
480-965-3951

Statistics, PHD (LASTPPHD)

Online Degree Search Title: Statistics, PhD
Campus: Tempe

Program Description:
As a science, statistics focuses on data collection and data analysis by using theoretical, applied and computational tools. The PhD program in statistics reflects this breadth in tools and considerations while allowing students sufficient flexibility to tailor their program of study to reflect individual interests and goals. Research can be of a disciplinary or transdisciplinary nature.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
STP 526 Theory of Statistical Linear Models (3)

Other Requirements (15 credit hours)
IEE 572 Design Engineering Experiments (3) or STP 531 Applied Analysis of Variance (3)
IEE 578 Regression Analysis (3) or STP 530 Applied Regression Analysis (3)
STP 501 Theory of Statistics I: Distribution Theory 3 (3)
STP 502 Theory of Statistics II: Inference (3)
STP 527 Statistical Large Sample Theory (3)

Electives (42 credit hours)

Research (12 credit hours)
STP 792 Research (12)

Culminating Experience (12 credit hours)
STP 799 Dissertation (12)

Additional Curriculum Information

Electives are to be chosen from statistics or related area courses approved by the student's supervisory committee.

Other requirements courses may be substituted with department approval.

Students must pass:

- one qualifying examination and coursework in analysis
- a written comprehensive examination
- a dissertation prospectus defense

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, statistics or a closely related area, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Completion of the following courses (equivalents at ASU are given in parentheses) is required. Applicants who lack any of these prerequisite courses must complete the prerequisites before being considered for admission.

- calculus (MAT 270, 271 and 272)
- advanced calculus (MAT 371)
- linear algebra (MAT 342)
- computer programming (CSE 100)
- introductory applied statistics (STP 420)

Career Opportunities:
Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Data and the analysis of data is big business, and the Department of Labor projects overall employment of mathematicians and statisticians is projected to grow 33% between 2020 and 2030, much faster than the average for all occupations. For graduates of the doctorate in statistics, that means a broad variety of career opportunities in fields as diverse as business, finance, engineering, technology, education, marketing, government and other areas of the economy.

These are just a few of the top career opportunities available for a graduate with a doctoral degree in statistics:

- actuary
- business consultant or analyst
- data science professor, instructor or researcher
- data scientist
- faculty-track academic
- financial analyst
- market research analyst
- software engineer
- statistician

Contact Information:

Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/degrees/graduate/statistics-phd
WXLR A216
grad.math@asu.edu
480-965-3951

Statistics and Data Science (certificate), Certificate (GCSTATCE)

Online Degree Search Title: Statistics and Data Science (Graduate Certificate)
Campus: Tempe

Program Description:
The statistics certificate program provides statistical training for graduate students at ASU and working professionals in the Phoenix metropolitan area.

The program draws upon a variety of faculty research and teaching interests from various academic units so programs of study can be tailored to reflect individual needs and goals. This certificate program is part of the shift in the School of Mathematical and Statistical Sciences' statistics curriculum to include data science coursework. In particular, there are several new machine learning classes that are available to certificate students.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
STP 530 Applied Regression Analysis (3) or ECN 525 Applied Regression Models (3) or IEE 578 Regression Analysis (3)
STP 531 Applied Analysis of Variance (3) or IEE 572 Design Engineering Experiments (3)

Electives (9 credit hours)

Additional Curriculum Information
The nine elective credits are taken from a set of courses approved by the School of Mathematical and Statistical Sciences.

Students must have a GPA of at least 3.00 (scale is 4.00 = "A") in the courses which apply to the certificate.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants should have completed the following courses (equivalents at ASU are given in parentheses):
  • introductory applied statistics (ECN 221, STP 226 or STP 420)
  • one semester of calculus (MAT 210, MAT 265 or MAT 270)

Applicants are also required to have some computer literacy with knowledge of a programming language, a spreadsheet program or a statistical software program.

Career Opportunities:

Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market.

Graduates have knowledge that may be applied in a broad variety of career opportunities in fields as diverse as business, finance, engineering, technology, education, marketing, government and other areas of the economy. These are just a few of the top career opportunities supported by the statistics certificate program:

- business consultant or analyst
- data analyst
- financial analyst
- market research analyst
- statistician

Contact Information:

Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/content/statistics-grad-certificate
WXLR A216
grad.math@asu.edu
480-965-3951

Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)

Online Degree Search Title: Teaching English to Speakers of Other Languages, MTESOL
Campus: Tempe, Online

Program Description:

The MTESOL program is for individuals who wish to build a career in the international field of teaching English as a second or additional language. Students develop scholarly and professional knowledge and skills in four main areas that are central to teaching English to speakers of other languages: language, learning, teaching and research.

Students have opportunities to study a variety of key topics, including second language acquisition, computer-assisted language learning, critical pedagogy, curriculum design, World Englishes, English as an international language, English for specific purposes, English grammar, grammar for TESOL, intercultural rhetoric, discourse analysis, interlanguage pragmatics, language and identity, language testing and assessment, learning transfer, materials development, nonnative English speakers in TESOL, second language phonology and second language writing.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Linguistics), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (LIN 597) and a foreign language exam.

Required Core (12 credit hours)
LIN 501 Approaches to Research (3)
LIN 510 Linguistics (3)
LIN 520 Second-Language Acquisition Theories (3)
LIN 521 Methods of Teaching English as a Second Language (3)

Other Requirement (3 credit hours)
LIN 584 Internship (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
LIN 597 Capstone (3)

Additional Curriculum Information

The foreign language requirement must be completed during the program prior to the master's degree being awarded.

The capstone is overseen by a director chosen from the Department of English linguistics and TESOL faculty.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants may have undergraduate majors in the following fields, but are not limited to these: anthropology, applied linguistics, cognitive science, communication, comparative languages and literatures, education, English literature, history and law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements. https://english.asu.edu/admission/graduate-admission/how-to-apply/information-international-students (https://english.asu.edu/admission/graduate-admission/how-to-apply/information-international-students)

The one-page, single-spaced statement of purpose should explain how the master's degree program fits with the applicant's long-term goals.

Letters of recommendation should provide a clear picture of the applicant's potential for successfully completing a master's degree. At least some of the letters should be from university professors who are familiar with the applicant's academic work and with master's level academic programs.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-teaching-english-speakers-other-languages/)

Career Opportunities:
Language professionals with training and expertise in TESOL remain in high demand in the U.S. and abroad. TESOL-related skills are valuable in businesses and institutions and to individuals of a wide range of linguistic and cultural contexts who rely on the ability to learn, teach and communicate effectively in a globally connected world.

Career examples include:

- adult education teacher
- consultant
- English language or foreign language teacher
- international aid worker
- materials designer or developer
- program and curriculum developer
- refugee English coordinator
- subtitler
- teacher trainer
- translator

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/admission/graduate-admission/masters-degree-teaching-english-speakers-other-languages-tesol
RBHL 170

enggrad@asu.edu
480-727-3135

Transborder Studies, MAS (LATCLMAS)

Online Degree Search Title: Transborder Studies, MAS
Campus: Tempe

Program Description:
The MAS program in transborder studies is designed for students interested in border issues and communities. Students learn from interdisciplinary scholars, both in the social sciences and humanities, in order to develop their individualized plan of study and focus area.

Students have the opportunity to engage in innovative research or applied experiences or they may focus their plan of study on a more professional and applied track.

The program has historically been grounded in and inspired by the geographical specificity of the U.S.-Mexico border. Given the massive scale of globalization in the 21st century and its influence on local, regional, national, subnational and international environments, the program examines transborder regions and populations around the world, including metaphorical, linguistic and cultural borders, as well as patterns and implications of immigration and migration.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA
Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA
Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (TSS 593), or 30 credit hours including the required capstone course (TSS 596).

Required Core (6 credit hours)
TSS 502 Foundations of Transborder Studies (3)
TSS 504 Theories and Methods for Transborder Research (3)

Electives (18 or 21 credit hours)
Culminating Experience (3 or 6 credit hours)
TSS 593 Applied Project (3) or
TSS 596 Transborder Studies Capstone (3) or
TSS 599 Thesis (6)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the social sciences, humanities, sciences, health, education, business or professional field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• resume or curriculum vitae
• three letter of recommendation (colleagues or professors)
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information, students should visit the Admission Services website. https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency)

Career Opportunities:

Graduates are well suited to positions in local, state, national, nongovernmental organizations and international agencies. They also are well prepared for pursuit of research opportunities or a doctoral degree.

Contact Information:

Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/degree/graduate/mas-transborder-studies
INTDSB 165
sts.grad@asu.edu
480-965-5091

Transborder Studies, PHD (LATCLPHD)

Online Degree Search Title: Transborder Studies, PhD
Campus: Tempe

Program Description:

The PhD program in transborder studies develops the next generation of superior research, scholarship and application in transborder and transnational contexts.

Students gain foundational knowledge in transborder, transnational and border issues from interdisciplinary scholars in anthropology, history, literature, political science, public policy, sociology, urban planning, and women and gender studies.

Faculty in the program approach transborder studies in a way that has been historically grounded in and inspired by the geographical specificity of the U.S.-Mexico border and the Chicano, Chicana, Latino and Latina populations. Arizona State University's proximity to the U.S.-Mexico border and the faculty's expertise make the university the ideal place of study. Given the massive scale of globalization in the 21st century and its influence on local, regional, national and transnational environments, the program is expanding to examine other transborder regions and populations.

Degree Requirements:

84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
TSS 502 Foundations of Transborder Studies (3)
TSS 503 Epistemologies and Transborder Thought (3) or TSS 504 Theories and Methods for Transborder Research (3)

Electives and Research (36 credit hours)

Dissertation (12 credit hours)
TSS 799 Dissertation (12)

Additional Curricular Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not already have a master's degree in a related field, then the remaining 30 credit hours are made up of electives and research that equal the 84 credit hours required for the doctoral program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a master's degree in a related field such as anthropology, economics, education, sociology, literature or psychology from a regionally accredited institution. Applicants who have earned a master's degree in another discipline must align their scholarly interests with the program's mission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- resume or curriculum vitae
- three letters of recommendation (from academicians)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information, students should visit the Admission Services webpage: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The personal statement should include an explanation of past experiences and current scholarly interests but concentrate on potential areas of research that draw upon the specific resources of the department and faculty.

Career Opportunities:
Depending on the plan of study, students may focus on a trajectory in academia with career options as faculty or in research positions. Students who wish to pursue career options outside of academia may focus the plan of study on a more professional and applied track with potential interest in local, state, national or international agencies.

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/degree/graduate/phd-transborder-studies-phd
INTDSB 165
sts.grad@asu.edu
480-965-5091

Transdisciplinary Transportation Studies (certificate), Certificate (GCTRANSCE)
Online Degree Search Title: Transdisciplinary Transportation Studies (Graduate Certificate)
Campus: Tempe

Program Description:
Transportation has emerged as one of the highest priority issues for policymakers, planners, employers and citizens.

To respond to this challenge, the transdisciplinary transportation studies certificate program builds upon existing ASU programs in a variety of disciplines offered in five colleges and two campuses, giving ASU graduate students and current and future transportation professionals the opportunity to pursue a wide range of transportation-related issues from a multimodal, interdisciplinary perspective.

Students collaborate with researchers and professionals across academic disciplines that include policy, planning, economics, technology, behavior, location, land use, equity and sustainability; with different research methods; and, focused on transport modes that range from walking to air travel.

The program is intended to be either a specialization within an existing master's degree or as a stand-alone nondegree program.

ASU is a transdisciplinary hub for innovative and integrative transportation research and education. This work contributes to the development of smart, sustainable and socially equitable transportation systems. These systems leverage technology to foster resilient communities and high quality of life, locally and globally.

Degree Requirements:
16 credit hours including the required applied project course (PUP 593).

Required Core (3 credit hours)
PUP 564 Transportation Systems Professional Seminar (3)

Transportation Electives (9 credit hours)

Other Requirement (1 credit hour)
CEE 591 Interdisciplinary Transportation Seminar (1)

Culminating Experience (3 credit hours)
PUP 593 Applied Project (3)

Additional Curriculum Information
Students take three credit hours from each category for a total of nine credit hours to fulfill the transportation elective requirement.

- from any school in The College of Liberal Arts and Sciences
- from a college outside of The College of Liberal Arts and Sciences
- from subject prefixes CEE, PUP, GPH, GIS, SOS, PAF

Elective coursework is taken in consultation with the academic advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = ""A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- letter of interest
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants who wish to seek a graduate degree in any of the cooperating departments and who are not currently enrolled at ASU must complete the full graduate school application process as specified by the department of interest in addition to the online application for the transdisciplinary transportation studies certificate. The applications are evaluated independent of each other.

Applicants are asked to explain in their letter of interest what they expect to gain from the transportation studies certificate program and the types of courses in the program that would be the most helpful in meeting their objective.

Disclosure information for this U.S. Department of Education Gainful Employment program is available at https://catalog.asu.edu/files/disclosures/GCTRANSCE/Gedt.pdf (https://catalog.asu.edu/files/disclosures/GCTRANSCE/Gedt.pdf).

Career Opportunities:
Professionals with expertise in transportation systems are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in the analysis of transportation alternatives and interrelationships with other disciplines are valuable to businesses and institutions relying on an integrated systems approach to solving complex real-world problems.

Career examples include:

- airfield operations specialist
- logistics analyst
- supply chain manager
- transportation analyst
- transportation engineer
- transportation planner

Contact Information:

Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/transcert
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Translation Studies (Certificate), Certificate (LALTSGRCT)

Online Degree Search Title: Translation Studies (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate in translation studies is a transdisciplinary program offering coursework that intensively engages with translation practice, issues related to the cultural role of the translator and translation, studies of the variety of theoretical approaches to translation, and studies of transhistorical and cross-cultural theories of translation. These areas of emphasis enable students to gain expertise in practical and theoretical knowledge of the field of literary and practical (commercial) translation and to engage in developing new models for the practice of translation today. The program offers interested students the opportunity to develop an understanding of intercultural intersections and transdisciplinary approaches to the practice of translation and advanced training and mentorship.

Degree Requirements:
15 credit hours including an applied project course (ENG 593 or SLC 593).

Required Core (6 credit hours)
ENG 550 Translation (3)
SLC 551 Global Approaches to Translation (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
ENG 593 Applied Project (3) or SLC 593 Applied Project (3)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • writing sample
  • personal statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement should be no more than two pages and should summarize past educational experiences and goals in pursuing a graduate certificate.

Applicants should have knowledge of a language other than English, a minimum of six semesters of a second language, or the equivalent (for example, advanced placement in high school). Applicants who have passed a language proficiency exam achieving an advanced level in the target

language may also apply.

Career Opportunities:

Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

- archivists
- editors
- foreign language and literature teachers and professors
- historians
- interpreters and translators
- lawyers
- reporters and correspondents
- social and community service managers

Contact Information:

Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-translation-studies
DH 318
silc@asu.edu
480-965-6281

Urban and Environmental Planning, MUEP (ARURBMUEP)

Online Degree Search Title: Urban and Environmental Planning, MUEP
Campus: Tempe

Program Description:

The MUEP program prepares students to help solve complex social, economic and environmental issues and create healthier, safer and more vibrant communities. The master's degree program emphasizes theories of planning, methods of analysis, effective public engagement, planning processes and creative implementation of planning tools, strategies and approaches. It is accredited by the Planning Accreditation Board. Students who join the program are eligible for certification by the American Institute of Certified Planners after two years of professional practice.

The Master of Urban and Environmental Planning program offers a unique opportunity to integrate urban and environmental aspects of planning in a rapidly developing metropolitan area. Small classes, one-on-one advising and a common core of courses that translate knowledge into practice provide students opportunities to build technical skills and grow their professional network.

As a part of the School of Geographical Sciences and Urban Planning, the program is enriched by school faculty whose research and teaching are grounded in geography, GIS, and meteorology and climatology. Students have access to a wide selection of electives within the school, electives that explore issues such as population and migration, environmental and landscape dynamics, and urban climate systems. The program is also complemented by the participation of faculty from other disciplines within the university and collaboration with leading planning practitioners in the Phoenix area.

Faculty research and teaching interests focus especially on the following broad interdisciplinary themes:

- city building and urban structure
- environmental and resiliency planning
- housing, neighborhoods and community development
- spatial analytics and smart cities
- transportation planning and policy

Concurrent Program Options:

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:

Public Administration, MPA

Public Policy, MPP
Sustainability Solutions, MSUS

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geographic Information Science, BS
Geography, BS
Geography, BA
Geography (Meteorology-Climatology), BS
Urban Planning, BSP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
47 credit hours and a thesis, or 47 credit hours including the required applied project course (PUP 593), or 47 credit hours including the required capstone course (PUP 580).

Required Core (21 credit hours)
PUP 501 Planning, History and Theory (3)
PUP 520 Planning Practice, Ethics and Processes (3)
PUP 531 Planning and Development Control Law (3)
PUP 544 Urban Land Use Planning (3)
PUP 571 Planning Methods I (3)
PUP 579 Planning Methods II (3)
PUP 642 Urban and Regional Economic Analysis (3)

Electives (14-15 credit hours)

Other Requirement (6 credit hours)
PUP 542 Environmental Planning (3)
PUP 576 GIS Workshop (3)

Culminating Experience (5-6 credit hours)
PUP 580 Practicum: Planning Workshop (5) or
PUP 593 Applied Project (5) or
PUP 599 Thesis (6)

Additional Curriculum Information
Students take 14 credit hours of electives for the thesis option and take 15 credit hours of electives for nonthesis.

Students take PUP 576 or another methods course approved by the department.

Students take PUP 542 or another environmental planning course approved by the department.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be no longer than 600 words and must address the applicant's academic and professional background and, if appropriate, preparation for the selected area of specialty which may include written samples or a portfolio, though these are not required.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements.

Career Opportunities:

Professionals with expertise in planning theory and practice are in high demand across sectors and industries, including planning consulting firms, local governments and community organizations. Skills in environmental impact assessment, geographical data analysis and community resiliency planning are valuable to businesses and institutions relying on practical, research-based approaches to solve complex real-world problems.

Alumni of the Master of Urban and Environmental Planning program work as professional planners in a variety of public, private and nonprofit settings. Career examples include:

- city and regional planning aide
- geospatial information technologist
- social services director
- sustainability specialist
- transportation planner
- urban and regional planner

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees/master-urban-environmental-planning
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Urban Planning, PHD (ARPUPPHD)

Online Degree Search Title: Urban Planning, PhD
Campus: Tempe

Program Description:

The PhD program in urban planning educates scholars for positions in leading universities; research institutions; nongovernmental organizations; international multilateral institutions; national, state and local governments; and high-level consulting firms. The program provides a strong foundation for undertaking research in planning, urbanism, urban design and urban sustainability.

The School of Geographical Sciences and Urban Planning maintains close relationships with many of the communities in the Phoenix metropolitan area that are leading the way on issues like urban climate change, sustainability and transportation planning. Students have opportunities to interact with planning leaders, mentors and community organizations. Students conduct research alongside faculty, take classes focused on current issues in the field, conduct research and reports for local clients, and start building their professional network across the public, private and nonprofit sectors.

Students benefit from a wide variety of coursework and research opportunities in five broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

- city building and urban structure
- environmental and resiliency planning
- housing, neighborhoods and community development
- spatial analytics and smart cities
- transportation planning and policy

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
PUP 710 Current Planning Theory and Practice (3)
PUP 724 Planning Methods for Doctoral Students (3)

Electives and Research (34 credit hours)

Other Requirement (2 credit hours)
PUP 701 Urban Planning Colloquium (1)

Culminating Experience (12 credit hours)
PUP 799 Dissertation (12)

Additional Curriculum Information
Students take two semesters of PUP 701 for a total of two credit hours.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a master's degree in a related field such as urban studies, geography, environmental studies, sustainability, architecture, public policy or public administration from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must be 600 words or fewer and explain the applicant's interest in planning at the doctoral level; academic and professional background and, if appropriate, preparation for the selected area of specialty which may include written samples or portfolio; and educational and professional objectives.

Letters of recommendation should be from three faculty members who can attest to the applicant's academic achievements.

Career Opportunities:

Professionals with expertise in planning research, theory and practice are in high demand across sectors and industries, including institutions of higher education, planning consulting firms and community organizations. Skills in environmental impact assessment, geographical data analysis and community resiliency planning are valuable to organizations and institutions relying on research-based approaches to solve complex real-world problems.

Career examples include:

  • chief sustainability officer
  • city and regional planning aide
  • environmental restoration planner

- transportation planner
- urban and regional planner
- urban planning teacher, postsecondary

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/graduate-degrees/phd-urban-planning
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Women and Gender Studies, MA (LAWSTMA)

Online Degree Search Title: Women and Gender Studies, MA
Campus: Tempe

Program Description:

The MA program in women and gender studies is designed for students who wish to gain research skills and knowledge about gender analysis and to apply those tools to real-world problems and solutions. The program is designed for those who want a master's degree as a terminal degree.

This flexible, 30 credit hour master's degree program provides advanced training in feminist research, theory and methodologies. All students may take an internship and all must complete an applied project in which students conduct research that addresses practical, site-specific problems linked to gender. Final projects may take a variety of forms, including program assessments, grant proposals, tests of new interventions or curricula, and so on. These projects may help lead students to careers in human services, program evaluation, policy development and other fields.

Full-time students can complete the degree program within two years while part-time students take longer but can combine work with study.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Gender, Women and Sexuality Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (WST 593).

Required Core (6 credit hours)
WST 501 Foundations of Feminist Thought (3)
WST 502 Interdisciplinary Gender Research Methodologies (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)
WST 593 Applied Project (6)

Additional Curriculum Information
Students must successfully provide an oral defense of the applied project.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Students may be admitted with a BA or BS in any field as long as they have completed two courses in women and gender studies or have equivalent experience. Appropriate majors may include women, gender and sexuality studies; history; English; sociology; religious studies; social work; psychology; communication or ethnic studies. Students who have previously majored in a science, technology, engineering or mathematics field and have interests in gender and education or gender and science may also apply for this program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts from all college and universities where the applicant earned a bachelor's or master's degree
- personal statement
- resume or curriculum vitae
- writing sample
- two or three letters of recommendation
- relevant coursework
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be approximately 1,000 words and describe any prior research experience and training, professional goals and research interests, and the fit between interests and the program's emphases. The statement should be uploaded.

The writing sample should be seven to 10 pages. This can include a research brief or report, a white paper, a policy paper or a paper for a recent academic course. The writing sample should reflect the applicant's writing ability and critical thinking skills.

The letters of recommendation should be from a recommender who can speak to the applicant's strengths and weaknesses for graduate study; critical thinking, writing, speaking and presentation skills; intellectual ability; leadership potential; interpersonal skills and ability to work with others; or other relevant accomplishments that best highlight the applicant's ability to complete a graduate degree in women and gender studies.

The list of relevant coursework should include at least two courses, undergraduate or graduate, the applicant has taken that focus on gender or women. In addition, the applicant should list any research methods or social justice courses.

Further details about application requirements and application deadlines are available on the School of Social Transformation's webpage.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Apply the key concepts, theoretical frameworks, interdisciplinary approaches & critical debates that have shaped the field of gender studies.
- Develop and conduct research through a feminist perspective.
- Perform intersectional feminist analysis.

Career Opportunities:
Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTgraduate@asu.edu
480-965-7682

World War II Studies, MA (LAWWSMA)
Online Degree Search Title: World War II Studies, MA
Campus: Online

Program Description:

Through advanced interdisciplinary study of World War II, students in the MA program in World War II studies explore the causes and effects of World War II, the global nature of the conflict, the evolution of governance and political systems, and human responses to conflict, violence and genocide. Program coursework also helps students contextualize current events through study of the war's historical, political and cultural legacies.

Degree Requirements:
30 credit hours including the required capstone course (WWS 597).

Required Core (12 credit hours)
WWS 561 Decision Points I (3)
WWS 562 Decision Points II (3)
WWS 563 The Lived Experience of World War II (3)
WWS 566 World War II Today (3)

Electives or Research (9 credit hours)

Other Requirements (6 credit hours)
HST 454 History of Genocide (3) or WWS 564 The Global War (3)
WWS 460 World War II (3) or HST 460 World War II (3)

Culminating Experience (3 credit hours)
WWS 597 Capstone (3)

Additional Curriculum Information
Students should refer to the academic unit for the approved electives and research course list.

For the other requirements section, students must take either HST 454 or WWS 564. If a student chooses to take HST 454 to fulfill the requirement, they may take WWS 564 as an elective. Likewise, if a student chooses to take WWS 564 to fulfill a requirement, they may take HST 454 as an elective. Other coursework may be used with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university. Students from any field who demonstrate potential are considered for admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • letter of intent or written statement
 • written responses to unit-developed prompts
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

An applicant's potential for success is determined by the quality of writing and clarity of thought demonstrated in the letter of intent and responses to the application questions. Letters of recommendation that point to a student's ability to deliver high-quality academic work and persist to an academic goal receive priority. An applicant's GPA and academic performance, particularly in humanities coursework, also indicate potential.

During the application process, applicants are prompted to write short written responses to World War II-related questions. These responses serve to demonstrate to the committee a student's writing ability and potential for thoughtful participation in degree coursework.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/world-war-ii-studies-ma/)

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Evaluate the global, social, cultural, economic, and/or political legacy of World War II since 1945, with particular attention to differing narratives.
- Analyze the decision-making process and explore the contingent nature of historical events within the larger context of the Second World War.
- Analyzing the causes, course, and memory of the genocidal nature of the World War II will be able to compose evidence-based arguments grounded in the analysis of sources.

Career Opportunities:

The Master of Arts program in World War II studies provides students the fundamental training needed for careers in research, teaching, public history, government service and a host of other positions in the public, private and nonprofit sectors. Graduates serve as first-rate historians, highly qualified teachers at the elementary, secondary levels, community colleges, researchers and consultants, archivists, foreign service officers, management professionals, community organizers and public servants.

Career examples include:

- archivist
- college instructor
- editorial and publishing professional
- museum director and staff
- nonprofit director
- research professional

Contact Information:

Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/degree/graduate/ma-world-war-ii-studies
COOR 4544
shprs@asu.edu
480-965-5778

Nursing and Health Innovation, Edson College of

Acute Care Pediatric Nurse Practitioner (certificate), Certificate (NUACPNGRCT)

Online Degree Search Title: Acute Care Pediatric Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board certified in a different APRN specialty who seek additional certification as an acute care pediatric nurse practitioner, for nurses with a doctoral degree in nursing who seek to become an acute care pediatric nurse practitioner, and as a pathway to obtain a DNP degree.

The acute care pediatric nurse practitioner program prepares pediatric nurses to meet the physical, psychological and social needs of infants, children, adolescents and young adults. Core courses including pharmacology, advanced pathophysiology, advanced health assessment, and others determined by the student's unique gap analysis must be completed in the past five years to be eligible for credit. Specialty courses focus on assessment and management of a supportive, family-centered, culturally appropriate plan of care for pediatric patients with unstable chronic, complex acute and life-threatening illnesses.

This program is offered in a hybrid format that requires students to travel to campus for up to one week for orientation at the beginning of the program and then two or three times each semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged, as are experiences in rural areas, and sites are available for these

experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorizations website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:
20 credit hours.

Required Core (20 credit hours)
DNP 606 Principles of Pediatric Acute Care I (3)
DNP 607 Advanced Pediatric Acute Care Practicum I (7)
DNP 619 Principles of Pediatric Acute Care II (3)
DNP 620 Advanced Pediatric Acute Care Practicum II (7)

Additional Curriculum Information
Every certificate student must complete 600 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the Pediatric Nursing Certification Board in order for the graduate to be eligible to take the national pediatric nurse practitioner acute care certification examination. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged, as are experiences in rural areas, and sites are available for these experiences.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee
   • official transcripts
   • three professional letters of recommendation.
   • professional resume
   • goal statement
   • admission essay
   • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

The applicant must be nationally certified as a primary care pediatric nurse practitioner. Nationally certified family nurse practitioners working as a nurse practitioner in a pediatric setting will be considered.

The goal statement should indicate the applicant's understanding of the role of the advance practice nurse with the population of interest and any experience the applicant may have working with the patient population of interest.

The admission essay should briefly describe how meeting "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further

their career goals.

An interview with program faculty is required.

One year of clinical experience working in the pediatric acute care setting is preferred

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. The acute care pediatric nurse practitioner role has grown exponentially in the past decade and the demand for board certified advanced practice acute care providers has never been higher. Graduates of the Doctor of Nursing Practice program in advanced practice nursing are prepared to provide health care for newborns, children, adolescents and young adults. Careers include:

- acute care home services
- critical care
- education and training of future health care providers
- emergency care
- inpatient hospitalist service
- specialty service provider
- transport teams

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/
MERC C250
dnpnursing@asu.edu
602-496-0937

Adult Gerontology Nurse Practitioner (Certificate), Certificate (NUAGNPGRCT)

Online Degree Search Title: Adult Gerontology Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board certified in a different APRN specialty area who seek additional certification as an adult gerontology primary care nurse practitioner and for nurses with a doctoral degree in nursing who seek to become an adult gerontology nurse practitioner.

This certificate program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for orientation and then two or three times per semester. Adult gerontology-focused theory and clinical courses include theories, principles and clinical skills in the care of adults across the lifespan.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these

experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:
22 credit hours.

Required Core (22 credit hours)
DNP 623 Adult-Gerontology Health Promotion (3)
DNP 624 Adult-Gerontology Health Promotion Practicum (3)
DNP 625 Management of Common Health Problems in Adult-Gerontology: Theory (3)
DNP 626 Management of Common Health Problems in Adult-Gerontology: Practicum (5)
DNP 627 Management of Complex Health Problems in Adult-Gerontology: Theory (3)
DNP 628 Management of Common Health Problems in Adult-Gerontology: Practicum (5)

Additional Curriculum Information
Nurses who complete this certificate meet the eligibility requirements for taking the National Adult Gerontology Nurse Practitioner Certification Examination. In addition to completing didactic courses, students complete 13 credit hours (585 clock hours) of practicum experiences in a community setting.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
  • three professional letters of recommendation
  • resume
  • admission essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to submit an admission essay and:

  • describe career goals for the next five to 10 years and discuss how obtaining a NP certificate from Arizona State University will help meet these goals
  • read The Essentials of Doctoral Education for Advanced Nursing Practice (2006) from the American Association of Colleges of Nursing, then focus on one of the first seven essentials and describe how meeting this essential will further the stated career goals

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the adult gerontology nurse practitioner certificate program have the knowledge and training to provide health care for patients in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to effectively participate and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/
MERC C250
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice, DNP (NUANPDNP)

Online Degree Search Title: Advanced Nursing Practice, DNP
Campus: Downtown Phoenix

Program Description:
The DNP program, accredited by the Commission on Collegiate Nursing Education, is designed for master's degree-prepared advanced practice nurses seeking a Doctor of Nursing Practice degree.

Courses are designed for clinical experts and are innovative, interesting and organized to provide students with expert colleagues and mentors across the U.S. who can challenge them to take their practice to a new level.

Graduates of this program are able to facilitate the application and integration of research into clinical practice using innovative approaches to improve health care outcomes of populations and individuals across multiple settings.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two to three times per semester.

Degree Requirements:
84 credit hours including the required applied project course (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Other Requirement (23 credit hours)
DNP 679 Biostatistics: Principals of Statistical Inference (3)

DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (45 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Applicants to the post-master's program should identify a relevant clinical issue related to advanced practice nursing that they would like to pursue during their doctoral program. Students complete 540 hours of clinical practice residency and the program courses. Completion of an evidence-based doctoral applied project is required. Each project is developed individually with each student. Each student has a primary mentor working with them on the project. Clinical practice residency hours are used to complete the project in a practice setting; work settings may be included, but specific objectives are developed individually with each student and may be different from the student's job. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three professional letters of recommendation
  • resume
  • goal statement
  • admission essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must be certified as an advanced practice nurse. A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applications are reviewed on a space-available basis after the priority deadline.

Career Opportunities:

Graduates of the Doctor of Nursing Practice program have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to effectively participate and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-dnp
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602-496-0937

Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP (NUANPACDNP)

Online Degree Search Title: Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP
Campus: Downtown Phoenix

Program Description:

This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for the specialty in acute care pediatrics through the application of theory to advanced practice.

The acute care pediatric nurse practitioner program prepares pediatric nurses to meet the physical, psychological and social needs of infants, children, adolescents and young adults. Specialty courses focus on assessment and management of a supportive, family-centered, culturally appropriate plan of care for pediatric patients with unstable chronic, complex acute and life-threatening illnesses.

This program is offered in a hybrid format that requires students to travel to campus for up to one week for orientation at the beginning of the program and then two or three times each semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website. https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations)

Degree Requirements:

85 credit hours including an applied project (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (26 credit hours)
DNP 606 Principles of Pediatric Acute Care I (3)
DNP 607 Advanced Pediatric Acute Care Practicum I (6)
DNP 619 Principles of Pediatric Acute Care II (3)
DNP 620 Advanced Pediatric Acute Care Practicum II (6)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (2)
DNP 649 Advanced Physiology (3)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 609 Advanced Practice Nursing Role (1)
DNP 641 Advanced Health Assessment Pediatrics (3)
DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Nurse practitioner students complete 585 hours of clinical practicum work in the first two years of their degree program. They complete an additional 540 hours in their clinical residency course (DNP 712) for a total of 1,125 clinical and residency hours.

Every student must complete 600 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the Pediatric Nursing Certification Board in order for the graduate to be eligible to take the national Pediatric Nurse Practitioner Acute Care certification examination. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three professional letters of recommendation.
 • professional resume
 • goal statement
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to

have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

The acute care pediatric nurse practitioner role has grown exponentially in the past decade and the demand for board-certified advanced practice acute care providers has never been higher. Graduates are prepared to provide health care for newborns and children, to young adulthood, in careers that include:

- acute care home services
- critical care providers
- education and training of future health care providers
- emergency care providers
- inpatient hospitalist services
- specialty service providers
- transport teams

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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602-496-0937

Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP (NUANPAGDNP)

Online Degree Search Title: Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP
Campus: Downtown Phoenix

Program Description:
This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty through graduate courses in the application of theory to advance practice. A major focus of the program is the acquisition of advanced knowledge and skills for primary care, case management, screening and health promotion of adults through the lifespan in a variety of settings, including private practice, ambulatory clinics, long-term care facilities and the patient's home.

This program is offered in a hybrid in-person and iCourse format, requiring students to travel to campus for up to one week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the

student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website. https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations)

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Nursing and Healthcare Innovation, PhD

Degree Requirements:
84 credit hours including the required applied project course (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 623 Adult-Gerontology Health Promotion (3)
DNP 624 Adult-Gerontology Health Promotion Practicum (3)
DNP 625 Management of Common Health Problems in Adult-Gerontology: Theory (3)
DNP 626 Management of Common Health Problems in Adult-Gerontology: Practicum (5)
DNP 627 Management of Complex Health Problems in Adult-Gerontology: Theory (3)
DNP 628 Management of Complex Health Problems in Adult-Gerontology: Practicum (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing the Doctor of Nursing Practice. The program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously

awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applications are reviewed on a space-available basis after the priority deadline; application deadlines are posted on the program website.

Career Opportunities:

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

Graduates of the adult gerontology nurse practitioner DNP program have the knowledge and training to provide health care for patients in a wide variety of settings. The broad base of comprehension and clinical expertise enable graduates to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)

Online Degree Search Title: Advanced Nursing Practice (Family Nurse Practitioner), DNP
Campus: Downtown Phoenix

Program Description:
This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for the specialty through graduate courses in the application of theory to advanced practice. The focus is on development of expertise in providing primary care to individuals of all ages within traditional, nontraditional and culturally diverse families.

Courses are designed to prepare the student for certification in advanced practice nursing as a family nurse practitioner.

This program is offered in a hybrid iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website. https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations)

Degree Requirements:
84 credit hours including the required applied project course (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 633 Family Health Promotion (3)
DNP 634 Family Health Promotion Practicum (3)
DNP 635 Management of Common Health Problems in Children, Adults and Families (3)
DNP 636 Management of Common Health Problems in Children, Adults and Families Practicum (5)
DNP 637 Management of Complex and Chronic Health Problems in Children, Adults and Families (3)
DNP 638 Management of Complex and Chronic Health Problems in Children, Adults and Families Practicum (5)

Other Requirement (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)

DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a Doctor of Nursing Practice. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three professional letters of recommendation
  • resume
  • goal statement
  • admission essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

Graduates of the family nurse practitioner concentration of the Doctor of Nursing Practice in advanced nursing practice have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-family-nurse-practitioner-dnp
MERC C250
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP (NUANPCFDNP)

Online Degree Search Title: Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP
Campus: Downtown Phoenix

Program Description:
This DNP program, accredited by the Commission on Collegiate Education, provides a foundation for the specialty through graduate courses in the application of theory to advanced practice. The focus is on development of expertise in providing mental health care to individuals of all ages within traditional, nontraditional and culturally diverse families.

Courses are designed to prepare students for certification in advanced nursing as a family psychiatric mental health nurse practitioner. This Doctor of Nursing Practice program specialty as a family psychiatric nurse practitioner emphasizes the assessment, diagnosis and evidence-based management of common and complex mental health disorders across the lifespan. Valid and reliable tools for screening and identification of mental health disorders as well as early interventions for these problems are highlighted. Content for each disorder include epidemiology, incidence, early signs and symptoms, differential diagnosis, and sociocultural variations in evidence-based management and treatment. Management includes psychopharmacologic and therapeutic skills building that are based in motivational interviewing, mindfulness, cognitive behavioral therapy and dialectical behavior therapy. Individual, group and family therapy techniques are emphasized.

This program is offered in a hybrid iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the council's established policies and standards. California does not

participate in SARA, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website. https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations)

Degree Requirements:
85 credit hours including the required applied project course (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (29 credit hours)
DNP 660 Advanced Neuropsychopathology Lifespan (2)
DNP 671 Advanced Mental Health Assessment Across the Lifespan (2)
DNP 672 Psychopharmacology Across the Lifespan (3)
DNP 673 Mental Health Promotion Across the Lifespan (3)
DNP 674 Mental Health Promotion Across the Lifespan Practicum (3)
DNP 675 Management of Common Mental Health Disorders Across the Lifespan (3)
DNP 676 Management of Common Mental Health Disorders Across the Lifespan Practicum (5)
DNP 677 Management of Complex and Chronic Mental Health Disorders Across the Lifespan (3)
DNP 678 Management of Complex and Chronic MH Disorders Across the Lifespan Practicum (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a Doctor of Nursing Practice. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Career Opportunities:

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

Graduates have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-family-psychiatric-and-mental-health-nurse-practitioner-dnp
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)

Online Degree Search Title: Advanced Nursing Practice (Innovation Leadership), DNP
Campus: Downtown Phoenix, ASU@Los Angeles

Program Description:

Designed to take the student's thinking and career to the next level, this nationally recognized DNP program leverages innovation theory, complexity science and the application of the latest evidence to advanced health system outcomes.

This program of study is for all clinical leaders, including educators, executives and informaticists, who want to create sustainable health care in the communities they serve.

Students learn how to optimize human and social capital, create measurable impact on their organizations and foster environments of excellence through innovation.

Some of the courses students take include:

- Innovation Leadership for Tomorrow's Health Care
- Financing Health Care for a Sustainable Future
- Navigating Culture to Create Successful Change and Transformation
- Systems Thinking for Improved Organizational Performance

Offered as a hybrid program, most coursework is in the iCourse format which affords optimal flexibility. There are also two to three opportunities per semester for in-person dialogue and exchange.

Acknowledged by graduates as a life-changing experience, this program is one of deep personal discovery and diverse professional enrichment. Students are part of a rich social fabric of highly engaged, intellectually astute and practically sound nursing leaders who are changing health care for the nation.

Los Angeles location: Currently, programs of study are offered in a hybrid learning model. Select courses are offered through in-person instruction in the Herald Examiner building. The majority of courses are offered virtually from Arizona through a combination of synchronous and asynchronous learning technologies. Students should consult their advisor and schedule of classes for additional information.

Degree Requirements:
84 credit hours including the required applied project course (DNP 716).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (9 credit hours)
DNP 713 Analysis of Organizational Cultures in Health Care (3)
DNP 714 Professional Relationships in Healthcare (3)
NUR 640 Integrative Theories of Innovation Health Care (3)

Other Requirements (23 credit hours)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (36 credit hours)

Culminating Experience (3 credit hours)
Applied Project: DNP 716 Leadership of Innovation in Health Care (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and a master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applications are reviewed on a space-available basis after the priority deadline.

Career Opportunities:

Graduates of the innovation leadership concentration of the advanced nursing practice doctorate have the knowledge and training to change or create sustainable health care in their community.

Career examples:

- chief executive officer
- chief nurse executive
- clinical director

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-innovation-leadership-dnp
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)

Online Degree Search Title: Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP
Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program Description:

This DNP program is designed for nurses seeking to become advanced practical nurses as neonatal nurse practitioners.

Providing a foundation for this specialty are graduate courses in application of theory to advanced practice, application of evidence to advanced

practice, advanced pathophysiology, advanced pharmacology and advanced health assessment. Advanced neonatal nursing theory and clinical courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice with infants, children and families.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

Degree Requirements:
84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 704 Principles of Evidenced-Based Care in Advanced Practice (4)
DNP 705 Healthcare Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)
DNP 653 Advanced Development and Family Health Promotion: Neonatal Theory I (3)
DNP 654 Neonatal Practicum I (3)
DNP 655 Management of Common Neonatal Problems (3)
DNP 656 Neonatal Practicum II (5)
DNP 657 Management of Complex Problems in Neonates (3)
DNP 658 Neonatal Practicum III: Management of Complex Problems in Neonates (5)
DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three online recommendations and one self-evaluation
- satisfactory completion of the analytical writing section of the GRE
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

The three online recommendations should be from individuals knowledgeable about the applicant's academic and nursing leadership potential; the self-evaluation is completed by the applicant.

A current unencumbered license is required. If clinical practice will occur outside of Arizona, the student must have a current unencumbered license in the state where clinical practice will be conducted. If clinical practice will occur within Arizona, the student must have a current unencumbered Arizona license to practice as a registered nurse.

An interview with a representative of the specialty area is required.

Students should see the program website for application deadlines.

Career Opportunities:
Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

Graduates of the neonatal nurse practitioner concentration of the Doctor of Nursing Practice in advanced nursing practice have the knowledge and training to provide health care for patients in an acute care setting. This broad base of clinical expertise enables them to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu
HLTHN 113
DNPNursing@asu.edu
602-496-0937

Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP (NUANPPDNP)
Online Degree Search Title: Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP
Campus: Downtown Phoenix

Program Description:
This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty through the application of theory to advanced practice. The primary care pediatric nurse practitioner program prepares pediatric nurses to meet the physical, psychological and social needs of infants, children, adolescents and young adults (birth to 21 years of age).

Coursework focuses on the development of a framework for supportive, family-centered, culturally appropriate advanced nursing practice for pediatric patients. Using best evidence, specialty pediatric courses focus on health promotion and the assessment and management of health care for well infants, children, adolescents and young adults as well as those with minor, acute and stable complex and chronic health disorders.

This program is offered in a hybrid format that requires the student to travel to campus for up to a one-week orientation at the beginning of the program and then two or three times each semester for course in-person immersions.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website. https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations)

Degree Requirements:
84 credit hours including the required applied project course (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (3)
DNP 645 Management of Common Problems in Pediatric Primary Care (3)
DNP 646 Management of Common Problems in Pediatric Primary Care Practicum (5)
DNP 647 Management of Complex and Chronic Health Problems in Pediatric Primary Care (3)
DNP 648 Management of Complex and Chronic Health Problems in Pediatric Primary Care Practicum (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 609 Advanced Practice Nursing Role (1)
DNP 641 Advanced Health Assessment Pediatrics (3)
DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three professional letters of recommendation
  • resume
  • goal statement
  • admission essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

The pediatric nurse practitioner role is well established in all urban and most rural areas of Arizona. Advanced practice nursing graduates are prepared to provide comprehensive health care for newborns and youths. Possible careers include:

  • clinical education and training of future health care providers
  • community health centers
  • fast track emergency department
  • outpatient primary and secondary health care clinics
  • specialty health care

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in

Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/dnp/pediatric-nurse-practitioner-dnp
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP (NUANPWHDNP)

Online Degree Search Title: Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP
Campus: Downtown Phoenix

Program Description:
The DNP degree with specialty as a women's health nurse practitioner prepares graduates to provide holistic, client-centered primary care for women from adolescence through older adulthood.

Courses focus on the assessment, diagnosis and evidence-based management of common and complex gynecologic, sexual, reproductive, menopause-transition and post-menopause health care; uncomplicated and high-risk antepartum and postpartum care, as well as sexual and reproductive health care for men. Courses emphasize research and theories to provide the context essential to advanced nursing practice focusing on health promotion, risk assessment and disease prevention for women across the lifespan, taking into account factors that influence health care and health outcomes.

This program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty through graduate courses in application of theory to advanced practice.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website. https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations)

Degree Requirements:
84 credit hours including the required applied project course (DNP 707).

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 613 Women's Health Promotion I (3)
DNP 614 Women's Health Practicum I (3)
DNP 615 Management of Common Problems in Women's Health (3)

DNP 616 Advanced Women's Health Practicum II (5)
DNP 617 Management of Complex and Chronic Disease in Women (3)
DNP 618 Advanced Women's Health Practicum III (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three professional letters of recommendation
  • resume
  • goal statement
  • admission essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

All students also are required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the Doctor of Nursing Practice program with a concentration in women's health have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. Their broad base of comprehension and clinical expertise enables them to effectively participate and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/dnp/womens-health-nurse-practitioner-dnp
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Aging, MS (LAALDMS)

Online Degree Search Title: Aging, MS
Campus: Downtown Phoenix, Online

Program Description:
Aligned with ASU's charter and design aspirations, the MS program in aging assumes responsibility for the overall health of communities by educating students to become experts in the field of aging. By fusing intellectual disciplines and socially embedding with partners in the aging network of health, wellness and social services, as well as entrepreneurs developing senior-related business ventures, this program is uniquely positioned to address the diverse needs of the rapidly aging population.

The program provides students with advanced, interdisciplinary knowledge that focuses on improving the well-being of older adults within the context of their diverse families and communities. The curriculum is competency-based and designed in accordance with the Academy for Gerontology in Higher Education competencies for graduate education.

The curriculum addresses the multidimensional aging process and the needs of aging populations and their potential contributions to society; reflects national health initiatives; and encourages community collaborations that are reciprocal, beneficial, and sustainable to improve health outcomes of older adults.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Science (Health Entrepreneurship and Innovation), BAS
Community Health, BS
Health Care Coordination, BS
Health Entrepreneurship and Innovation, BS
Integrative Health, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
36 credit hours including the required applied project course (HCA 593), or 36 credit hours including the required applied project course (HCA 593) - Mandarin Pathway.

Required Core (18 credit hours)
HCA 501 Perspectives on Aging and the Life Course (3)
HCA 502 Research and Program Evaluation Issues in Aging (3)
HCA 503 Diversity in Aging (3)
HCA 504 Caregiving Issues for Families and Professionals (3)
HCA 505 Interdisciplinary and Community Collaboration in Aging (3)
HCA 508 Mental Health Assessment and Intervention (3)

Track (6 credit hours)

Electives (6 credit hours)

Other Requirements (3 credit hours)
HCA 509 Interventions to Support Aging in Place (3) or
HCA 510 Innovations in Program Development and Policy (3)

Culminating Experience (3 credit hours)
HCA 593 Applied Project (3)

Additional Curriculum Information
Students choose a track for a total of six credit hours:

- aging services and case management
- innovation and entrepreneurship
- long-term care administration
- palliative and end-of-life care

The program also requires six credit hours of electives to support the track and career interests. Students should see the academic unit for the current approved elective list. Other courses may be used with approval of the academic unit.

For other requirement coursework, students select either HCA 509 or HCA 510.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- professional resume
- letter of intent or written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/aging-ms/)

Career Opportunities:
Graduates of the Master of Science program in aging have the knowledge and training to provide relevant information for the aging population in a wide variety of settings. The broad base of comprehension and expertise enables graduates to effectively participate and lead within the aging community.

Career examples include:

- entrepreneur
- facilities director
- program manager
- research coordinator

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Clinical Research Management, MS (NUCRMMS)

Online Degree Search Title: Clinical Research Management, MS
Campus: Online

Program Description:
Clinical research management is a growing field of medical, health and research professionals who direct and conduct clinical trials for new medical products.

With clinical research rapidly expanding, the clinical research master's program takes a transdisciplinary approach in providing an education strong in commercial and fiscal practices of conducting clinical research to prepare students for clinical trial management. This graduate program explores the ethical and regulatory aspects of research and overall management of clinical drug, biological and medical device trials, management of clinical studies, data management, drug discovery and medical devices. In this master's program, students are encouraged to innovate and develop entrepreneurial skills to lead clinical research endeavors.

The MS program in clinical research management is designed to be flexible and conducive for the adult learner and working professional. Part-time study is available. Completion of the program requires a project applicable to the clinical research management field.

This clinical research management graduate degree is the first clinical research graduate degree to receive accreditation from the Commission on Accreditation of Allied Health Education Programs. The CAAHEP is the largest programmatic accreditor in the health sciences field and is recognized by the Council for Higher Education Accreditation in the U.S. and internationally.

Degree Requirements:
33 credit hours including the required capstone course (HCR 566).

Required Core (18 credit hours)
HCR 551 Clinical Research Monitoring (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 562 Clinical Research Data Management and Technology Implementation (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 565 Clinical Research Operations (3)
HCR 574 Scientific and Research Review Boards (3)

Restricted Electives (12 credit hours)
HCR 552 Medical Device Development and Regulation (3)
HCR 553 Quality and Clinical Research (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 567 Research Management and Contemporary Research Topics (3)
HCR 568 Health Care Project Management (3)

HCR 575 Management and Negotiation of Clinical Trial Budgets and Contracts (3)
HCR 576 Drug Discovery, Development and Regulations (3)

Culminating Experience (3 credit hours)
HCR 566 Capstone Clinical Research Management Project II (3)

Additional Curriculum Information
Students select four courses from the restricted electives list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree that includes courses with content in anatomy and physiology and medical terminology or if they have earned a bachelor's degree. Education or experience in anatomy, physiology and medical terminology is recommended.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • resume or curriculum vitae
 • two online references
 • personal statement
 • response to application questions
 • proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant must have six months of full-time, related clinical research work or internship experience as described in a resume or curriculum vitae. Applicants who do not have six months of experience are required to complete a course in clinical research foundations, provided by the program, prior to enrolling in courses.

The online references should be from colleagues, supervisors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-clinical-research-management/)

Career Opportunities:
Arizona State University's Master of Science degree program in clinical research management prepares students for careers in governmental and regulatory agencies, health care institutions, academic institutions, and national or international research organizations.

Graduates with a Master of Science in clinical research management have career opportunities in many areas. Career examples include:

 • clinical data manager
 • clinical research associate
 • clinical research coordinator
 • clinical trial director
 • clinical trial program manager

Contact Information:
Nursing and Health Innovation, Edson College of
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Clinical Research Management (certificate), Certificate (NUHCRGRCC)

Online Degree Search Title: Clinical Research Management (Graduate Certificate)
Campus: Online

Program Description:
The clinical research management certificate is for research professionals seeking to advance their career in the clinical research business. The program is designed to help them build a solid foundation in clinical trial management.

Students of this program learn the ethical and responsible conduct of clinical research as well as clinical research regulations, ethics, operations and data management. This includes management of day-to-day operations, recruitment, retention, staffing, data management and more in clinical trials.

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 562 Clinical Research Data Management and Technology Implementation (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 565 Clinical Research Operations (3)

Restricted Elective (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for the list of restricted electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • resume or curriculum vitae
  • two online references
  • personal statement
  • response to application questions
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must have six months of full-time, related clinical research work or internship experience as described on the applicant's resume or curriculum vitae. Applicants may be required to submit a job description or internship transcript from their employer.

The online references should be professional references from colleagues, supervisors, professors or other professional contacts who can attest to the applicant's academic and leadership experiences.

Knowledge of anatomy, physiology and medical terminology is recommended.

Applications are due 30 days before the start of the session.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-clinical-research-management/)

Career Opportunities:

Certificate graduates can prepare for jobs in research positions evaluating the safety and effectiveness of new medical products. There are many different therapeutic focuses graduates can pursue. Specific careers include:

- clinical research assistant
- clinical research coordinator
- clinical research supervisor

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/
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602-496-0937

Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)

Online Degree Search Title: Clinical Research Management (Regulatory Science), MS
Campus: Online

Program Description:

Regulatory science addresses the safety, efficacy, quality and regulation of new medical products, diagnostics and treatments. Regulatory affairs ensure new products meet the requirements and standards set by regulatory authorities. This master's program aligns regulations and national competencies throughout the lifecycle of medical products. With a regulatory science degree, graduates may have the ability to advance medical care and treatment while ensuring new discoveries adhere to rules and regulations that keep patients safe.

The regulatory science concentration of this program provides students a balance of clinical research management and regulatory affairs and sciences. Coursework in this rigorous program includes regulatory writing techniques, quality assurance, medical devices and drugs, and pharmaceutical safety and risk management, ethical standards and regulation in additional to clinical trial management.

This program meets the needs of professional adult learners and provides the flexibility of online courses and allows enrollment five times per year. Students can complete the program on a part-time basis allowing them to continue to work while earning this masters degree.

This clinical research management graduate degree is the first clinical research graduate degree to receive accreditation from the Commission on Accreditation of Allied Health Education Programs. The CAAHEP is the largest programmatic accreditor in the health sciences field and is recognized by the Council for Higher Education Accreditation in the U.S. and internationally.

Degree Requirements:

33 credit hours including the required capstone course (HCR 566).

Required Core (18 credit hours)
HCR 551 Clinical Research Monitoring (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 562 Clinical Research Data Management and Technology Implementation (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 565 Clinical Research Operations (3)
HCR 574 Scientific and Research Review Boards (3)

Concentration (12 credit hours)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 567 Research Management and Contemporary Research Topics (3)
HCR 578 Legal Aspects of Clinical Research (3)
HCR 579 Translational Research in Drug Discovery and Development (3)

Culminating Experience (3 credit hours)
HCR 566 Clinical Research Management Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- three online references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant must have six months of full-time, related clinical research work or internship experience as described in a resume or curriculum vitae. Applications without six months experience are required to complete the research foundation courses provided through the program, prior to enrollment in any courses.

The online references should be from colleagues, supervisors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Courses or a background in anatomy, physiology and medical terminology are recommended.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-clinical-research-management-regulatory-science/)

Career Opportunities:

Graduates with an MS in clinical research management with a focus on regulatory science have a range of career opportunities to explore. Career examples include:

- clinical research associate
- project manager
- quality control specialist
- regulatory affairs manager
- regulatory affairs specialist

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/
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602-496-0937

Emergency Nurse Practitioner (Certificate), Certificate (NUEMNPGRCT)

Online Degree Search Title: Emergency Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board certified as a family nurse practitioner, those who seek additional certification as an emergency nurse practitioner, or for students currently enrolled in their third year in the DNP program in family nurse practitioner at Arizona State University who seek to become an emergency nurse practitioner. This program is validated by the American Academy of Emergency Nurse Practitioners.

Courses focus content needed to care for patients across the lifespan in ambulatory, urgent and emergent settings. Focus on care for patients with cardiovascular, thoracic-respiratory, dermatologic, abdominal, musculoskeletal, psychiatric, traumatic, renal, genitourinary, endocrine, nervous, head, ear, nose and throat system diseases and disorders.

This program is offered in a hybrid in-person and iCourse format that requires students to travel to campus one or two times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorizations website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:
15 credit hours.

Required Core (15 credit hours)
DNP 610 Principles of Advanced Emergency Nursing I (3)
DNP 611 ENP Practicum I: Advanced Emergency Nursing Practice (3)
DNP 630 Principles of Advanced Emergency Nursing II (3)
DNP 631 ENP Practicum II: Advanced Emergency Nursing Practice (3)
DNP 649 Advanced Physiology (3)

Additional Curriculum Information
Every certificate student must complete 270 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the certification organization (AANP) in order for the graduate to be eligible to take the national Emergency Nurse Practitioner certification examination.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation.
• professional resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

The goal statement should indicate the applicant's understanding of the role of the advance practice nurse with the population of interest and any experience the applicant may have working with the patient population of interest.

The admission essay should briefly describe how meeting "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further their career goals.

Applicants must be a licensed family nurse practitioner currently, or enrolled in the family nurse practitioner program at ASU.

An interview with program faculty is required.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the emergency nurse practitioner certificate program have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. The broad base of comprehension and clinical expertise graduates have enable them to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
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602-496-2644

Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)

Online Degree Search Title: Family Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses board certified in a different advanced practice registered nurse specialty who seek additional certification as a family nurse practitioner or for nurses with a doctoral degree in nursing who seek to become a family nurse practitioner.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorizations website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:
22 credit hours.

Required Core (22 credit hours)
DNP 633 Family Health Promotion (3)
DNP 634 Family Health Promotion Practicum (3)
DNP 635 Management of Common Family Problems in Children, Adults and Families (3)
DNP 636 Management of Common Health Problems in Children, Adults and Families Practicum (5)
DNP 637 Management of Complex and Chronic Health Problems in Children, Adults and Families (3)
DNP 638 Management of Complex and Chronic Health Problems in Children, Adults and Families Practicum (5)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee
   • official transcripts
   • a current unencumbered RN license in the state in which the student plans to do clinical practicums
   • three professional letters of recommendation
   • resume
   • goal statement
   • admission essay
   • health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
   • proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and must meet all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

All applicants have an interview with program faculty prior to admission to the program.

It is preferred that applicants have at least one year of clinical experience working in the student's specialty population.

Admission examinations are not required.

Disclosure information for this U.S. Department of Education Gainful Employment program is at https://catalog.asu.edu/files/disclosures/NUFMPGRCE/Gedt.pdf (https://catalog.asu.edu/files/disclosures/NUFMPGRCE/Gedt.pdf).

Career Opportunities:

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the family nurse practitioner certificate program have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. The broad base of comprehension and clinical expertise enable graduates to effectively participate and lead within clinical, community, and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/certificate/family-nurse-practitioner-graduate-certificate
MERC C250
nursingandhealth@asu.edu
602-496-0937

Family Psychiatric and Mental Health Nurse Practitioner (certificate), Certificate (NUPMNUPRCE)

Online Degree Search Title: Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board certified in a different APRN specialty area who seek additional certification as a family psychiatric nurse practitioner or for nurses with a doctoral degree in nursing who seek to become a family psychiatric nurse practitioner.

The certificate program for family psychiatric nurse practitioner emphasizes the assessment, diagnosis and evidence-based management of common and complex mental health disorders across the lifespan. Valid and reliable tools for screening and identification of mental health disorders as well as early interventions for these problems are highlighted. Content for each disorder include epidemiology, incidence, early signs and symptoms, differential diagnosis, and sociocultural variations in evidence-based management and treatment. Management includes psychopharmacologic and therapeutic skills building that are based in motivational interviewing, mindfulness, cognitive behavioral therapy and dialectical behavior therapy. Individual, group and family therapy techniques are emphasized.

This certificate program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:
28 credit hours.

This graduate certificate program (including 585 clinical hours) prepares nurses with a master's degree to become family psychiatric mental health nurse practitioners.

Required prerequisites (or equivalent courses taken while in master's degree program)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)

Students have an individual review of their transcripts and an individualized plan of study designed to meet certification requirements. Depending on how many prerequisite courses are completed in the master's degree program, up to one year of additional study may need to be added to complete this specialty.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • a current unencumbered RN license in the state in which the student plans to do clinical practicums
  • three professional letters of recommendation
  • resume
  • goal statement
  • admission essay
  • health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants must be board certified in a different APRN specialty.

All applicants will have an interview with program faculty prior to admission to the program.

It is preferred that applicants have at least one year of clinical experience working within the student's specialty population.

Admission examinations are not required.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the family psychiatric nurse practitioner certificate program have the knowledge and training to provide healthcare for patients across the lifespan in a wide variety of settings.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
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MERC C250
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602-496-0937

Food Safety and Protection (certificate), Certificate (NUFDSPGRCT)
Online Degree Search Title: Food Safety and Protection (Graduate Certificate)
Campus: Online

Program Description:
The online food safety graduate certificate is designed for working professionals and graduate students interested in food policy as it relates to the safety and quality of foods. The curriculum is aligned with local, state and national health and safety initiatives. The curriculum also integrates the regulatory focus of the Food and Drug Administration.

The certificate focuses on the downstream evaluation of the production, processing and preparation of food and food products. Students learn to assess food safety hazards, such as waterborne and food pathogen outbreaks. They also learn about food manufacturing and processing, quality systems, foodborne illnesses, and policies and regulations.

Edson College of Nursing and Health Innovation highly recommends but does not require Introductory Chemistry (3 credits, plus 1 credit lab) and Introductory Biology (3 credits).

Students are responsible for comprehending the requirements of optional certification exams, credentials, and employment eligibility with specific organizations. The university cannot verify students will be eligible to sit for or pass exams. Prior work experience, additional coursework, fieldwork, and background checks may be necessary to be eligible to take or to acquire certifications and credentials successfully. Students should refer to the National Environmental Health Association website for general information: www.neha.org (www.neha.org).

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)

HCR 543 Food Safety and Protection (3)
HCR 544 Assessing Food Safety and Developing Policy Procedures and Training (3)
HCR 558 Technical Writing for the Regulatory Professional (3)
SFS 560 Tools and Tactics for Food Policy Change (3) or HCR 550 Quality Assurance and Safety in Food and Dietary Supplements (3)

Other Requirements (3 credit hours)
HCR 563 Fundamentals of Regulatory Affairs (3) or
HCR 584 Internship (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a science-based or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • professional resume
  • written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/food-safety-grad-certificate/)

Career Opportunities:
Graduates with a food safety certificate bring strong analytical, writing and inspection skills to the job market. Many find work within the manufacturing and agricultural industries as food safety, quality control or plant managers; product and public health inspectors; or compliance officers in food manufacturing and processing.

Career examples include:

  • border control public health inspector
  • facility manager
  • federal consumer safety inspector
  • food and safety sanitation product inspector
  • food manufacturing, process and preparation specialist
  • food inspector
  • food safety manager
  • health inspector
  • production control food safety inspector

Contact Information:
Nursing and Health Innovation, Edson College of
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https://nursingandhealth.asu.edu/
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602-496-2644

Health Care Innovation, Certificate (NUHCINGRCT)

Online Degree Search Title: Health Care Innovation (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:

The emerging field of health care innovation requires individuals who can lead and facilitate change.

Students learn through reflection, personality assessment, exercises in interdisciplinary team-case study analyses, system intervention, idea pitching and change-readiness assessment. Related entrepreneurial and intrapreneurial concepts such as prototyping, business plan or project plan design, budgeting and presentation skills are also covered in the program.

Emphasizing complexity leadership and vulnerability along with emotional competence, this certificate prepares students to work in this interdisciplinary and highly sought-after area.

Degree Requirements:

15 credit hours including the required capstone course (HCI 570).

Required Core (11 credit hours)
HCI 538 Innovation and the Individual (3)
HCI 542 Systems Thinking in a Complex Environment (3)
HCI 554 Outcomes Evaluation (3)
HCI 561 Innovation Methods (2)

Culminating Experience (4 credit hours)
HCI 570 Innovation Proposal: Culminating Experience for Health Care Innovation Certificate (4)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health-related business, social science, hard science, health care practice or technology field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are no required admission examinations.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-health-care-innovation/)

Career Opportunities:

Graduates with the health care innovation graduate certificate have career opportunities illustrated in the following list. Career examples include:

 • clinical nurse specialists
 • community health workers
 • health educators
 • health information technicians
 • informatics nurse specialists

Contact Information:

Nursing and Health Innovation, Edson College of
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https://nursingandhealth.asu.edu/

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nursingandhealth@asu.edu
602-496-0937

Health Care Simulation, MS (NUHCSMS)

Online Degree Search Title: Health Care Simulation, MS
Campus: Downtown Phoenix

Program Description:
In the MS program in health care simulation, students learn to influence the design, operations and evaluation of educational health care simulation in academic or practice settings. Students develop evidence-based scenario design, use technology-enhanced environments replicating real patient experiences with life-like high fidelity computer manikins or simulated participants, and employ operations techniques. Through learning and working with their peers, faculty and leaders from multiple disciplines such as health care, sociology, technology, the arts and public policy, students will gain experience in creating transdisciplinary solutions.

Simulation in health care education aims to improve competencies in communication, teamwork, critical thinking, professional identity and safety. The simulated learning environment provides a psychologically safe space where you can make mistakes without risk to real patients.

This is a hybrid program with most required courses offered in an iCourse format, including both asynchronous and synchronous modalities. Some courses are offered in seven-and-a-half-week accelerated sessions. Several required courses include an immersion experience on the ASU campus for several days at the end of the semester as well as one day on campus at the beginning of the semester.

Degree Requirements:
34 credit hours including the required applied project course (HCS 593).

Required Core (3 credit hours)
HCS 501 Foundations in Health Care Simulation (3)

Other Requirements (21 credit hours)
HCI 540 Understanding and Applying Principles of Evidence-based Practice (3)
HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)
HCS 503 Principles of Operations Management in Health Care (3)
HCS 580 Practicum: Operational or Educational Perspective (3)
NUR 521 Health Care Evidence, Informatics and Analysis (3)
NUR 548 Patient Safety, Health Care Quality & Informatics (3)
NUR 671 Teaching in Academic and Practice Settings (3)

Restricted Electives (6 credit hours)
BMI 601 Fundamentals of Health Informatics (3)
HCI 538 Innovation and the Individual (3)
HCI 544 Information Technology (IT) for Health Care Innovation (3)
NUR 670 Curriculum Development in Academic and Practice Settings (3)

Culminating Experience (4 credit hours)
HCS 593 Applied Project (4)

Additional Curriculum Information
Coursework for other requirements or restricted electives may be substituted with approval of the academic unit.

For restricted electives, students choose two courses from the above list for a total of six credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health care or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee

- official transcripts
- three letters of recommendation
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Career Opportunities:

Professionals with expertise in health care simulation will be qualified to work in either academic or clinical simulation environments. Career examples include:

- directors and assistant directors, simulation centers
- education technician simulation specialist
- operations specialists
- simulation education specialists
- simulation managers
- simulation nurses

Contact Information:

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Healthcare Innovation, MHI (NUHCINNMHI)

Online Degree Search Title: Healthcare Innovation, MHI
Campus: Online

Program Description:

Students in the MHI in health care innovation program learn how to create and sustain cultures of innovation in health care from multiple perspectives: personal competence for innovation, use of evidence in decision-making, remodeling system infrastructures, financing, communication, entrepreneurship, technology and policymaking. Students develop competence in the design, application and testing of innovative processes and products. A primary focus of the Master of Healthcare Innovation is to prepare students to lead processes of innovation and transformation.

Innovative thinking, planning, implementing and evaluation are emphasized throughout the program. The curriculum incorporates the latest trends in health care and is built upon collaboration with other professionals and faculty across diverse disciplines.

Graduates of the program possess the leadership skills and behaviors to influence the future of health care as well as transform and improve health care outcomes for individuals and communities.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Science (Health Entrepreneurship and Innovation), BAS
Community Health, BS
Health Care Coordination, BS
Health Entrepreneurship and Innovation, BS
Integrative Health, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

34 credit hours including the required capstone course (HCI 563).

Required Core (5 credit hours)
HCI 538 Innovation and the Individual (3)
HCI 561 Innovation Methods (2)

Electives (3 credit hours)

Other Requirements (21 credit hours)
HCI 540 Understanding and Applying Principles of Evidence-Based Practice (3)
HCI 542 Systems Thinking in a Complex Environment (3)
HCI 544 Information Technology (IT) for Health Care Innovation (3)
HCI 548 Advanced Principles and Concepts of Innovation (3)
HCI 550 Health Care Policy and Innovation (3)
HCI 552 Financing for Innovation (3)
HCI 554 Outcomes Evaluation (3)

Culminating Experience (5 credit hours)
HCI 563 Capstone: Final Innovation Project (5)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit
  • graduate admission application and application fee
  • official transcripts
  • three professional recommendations
  • personal statement and essays
  • current resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The professional recommendations should be from individuals knowledgeable about the applicant's academic and leadership potential.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-healthcare-innovation/)

Career Opportunities:
In this program, students take a multidisciplinary approach to health care, including studying change theory, leadership, entrepreneurship, technology and system design, preparing students take on important roles in a rapidly changing industry.

Career examples include:

  • health administration
  • health care consultants
  • health information technicians
  • health technologists
  • medical and health service managers

Contact Information:
Nursing and Health Innovation, Edson College of
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https://nursingandhealth.asu.edu/
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healthcareinnovation@asu.edu
602-496-0937

Innovation Leadership, Certificate (NUINLSGRCT)

Online Degree Search Title: Innovation Leadership (Graduate Certificate)
Campus: Online

ASU is not currently accepting applications for this program.

Program Description:
This graduate certificate program in innovation leadership provides students with the cognitive and affective competencies to lead and facilitate innovation in the contexts of health care products, processes and systems. The emerging field of innovation leadership in health care requires individuals who can lead and facilitate change.

Students learn through reflection, personality assessment, public speaking, leadership network identification, entrepreneurship, idea pitching and change-readiness assessment. This certificate program prepares students to work in this transdisciplinary and highly sought-after area of leadership.

Degree Requirements:
15 credit hours including the required capstone course (HCI 571).

Required Courses (12 credit hours)
HCI 538 Innovation and the Individual (3)
HCI 543 Approaches to Health Care Innovation (3)
HCI 545 Public Speaking for Innovation: Building Your Presence and Making the Case for Change (3)
NLM 562 Social Entrepreneurship (3)

Culminating Experience (3 credit hours)
HCI 571 Capstone Course Health Care Innovation Leadership Portfolio (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health-related business, social science, hard science, health care practice or technology field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are no required admission examinations.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:
Graduates have the knowledge and training to change or create sustainable health care in their community.

Career examples include:

- chief executive officer
- chief nurse executive
- clinical director

International Health for Healthcare Professionals (certificate), Certificate (NUHCRGRCI)

Online Degree Search Title: International Health for Healthcare Professionals (Graduate Certificate)
Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program Description:
The international health for health care professionals graduate certificate program prepares health care personnel to meet the global health challenges of the 21st century. Students receive comprehensive education in the promotion of holistic, culturally responsive, evidence-based care within and outside the U.S.

Course content includes the provision of care in the presence and absence of natural (e.g., earthquakes) and human-made disasters (e.g., war), the spread of chronic and infectious diseases, economic and political issues, and other factors that pose substantial challenges to world health promotion and disease prevention.

This graduate certificate is offered as a part-time or full-time hybrid online distance program that includes two day-long visits to the ASU Downtown Phoenix campus and a capstone immersion experience.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they are undergraduate-prepared nurse or health-related professional (e.g., social worker, physician, psychologist, dentist) with a baccalaureate or graduate degree from a nationally or internationally recognized and regionally accredited academic institution, or equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • professional license in the state where the individual capstone project will be conducted, if required (e.g., RN, NP, MSW, PA or MD)
  • resume or curriculum vitae
  • email addresses of three professional references (not friends or relatives) who will be contacted for completion of online recommendations
  • fingerprint clearance or proof of application for U.S. citizens and applicants with permanent U.S. resident status
  • photocopy of current, valid passport
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

References are contacted by the Graduate College, with a request to complete a reference questionnaire.

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/
HLTHN 113

nursingandhealth@asu.edu
602-496-0937

Interprofessional Healthy Aging (certificate), Certificate (NUGNCERT)

Online Degree Search Title: Interprofessional Healthy Aging (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
This certificate program prepares health and social service professionals to address healthy aging with a focus on prevention and early intervention to optimize the health, behavioral health and quality of life of older adults and their family caregivers.

Degree Requirements:
18 credit hours.

Required Core (15 credit hours)
DNP 682 Geriatric Health Promotion (3)
NUR 629 Research for Geriatric Practice (3)
SWG 570 Aging in Perspective (3)
SWG 572 Interprofessional Approaches to Healthy Aging (3)
SWG 573 Policies to Promote Healthy Aging (3)

Restricted Electives: (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for the approved elective course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Career Opportunities:
Graduates of this program are prepared to be employed as:

 • entrepreneur
 • facilities director
 • program manager
 • research coordinator

Contact Information:
Nursing and Health Innovation, Edson College of
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Nurse Education in Academic and Practice Settings (certificate), Certificate (NUNURSEDCE)

Online Degree Search Title: Nurse Education in Academic and Practice Settings (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:
This graduate certificate program in nurse education for academic and practice settings prepares registered nurses and other health professionals who have earned a master's degree and want to gain the knowledge enabling them to be an educator in academic or practice settings.

The program includes courses in curriculum development, teaching methods, designing and delivering mediated instruction, and producing and evaluating educational programs. Students will also complete a role-focused teaching practicum, in a role and setting that aligns with their career goals.

Degree Requirements:
15 credit hours.

Required Core (15 credit hours)
NUR 670 Curriculum Development in Academic and Practice Settings (3)
NUR 671 Teaching in Academic and Practice Settings (3)
NUR 672 Design and Delivery of Mediated Instruction (3)
NUR 673 Producing and Evaluating Programs for Academic and Practice Settings (3)
NUR 579 Role-Focused Practicum: Nurse Educator (3) or NUR 677 Scholarly Citizenship: Teaching Intensive (3)

Additional Curriculum Information
A teaching practicum comprised of 135 clock hours is required.

As part of the required core, MS and DNP students will take NUR 579 and PhD students will take NUR 677.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a minimum of a master's degree, in any field, from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three professional letters of recommendation
 • resume
 • goal statement
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Licensure Requirements: An RN licensure is not required for admission to the nurse education in academic and practice settings certificate program. However, admitted students who are registered nurses must hold a current unencumbered RN license in the state in which the student plans to do clinical practicums to remain in the program.

Health and Safety Requirements: Students recommended for admission must meet health and safety requirements by established deadlines, including a passing disposition on a background clearance, satisfactory completion of a substance screen and other requirements as a condition of

admission.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/nurse-education-academic-and-practice-settings-graduate/)

Career Opportunities:

The nurse educator certificate prepares students for a variety of careers, helping to educate the future nursing workforce. Careers could include:

- academic faculty
- charge nurse
- chief nursing officer
- nurse educator
- nursing supervisor

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/certificate/nurse-education-academic-and-practice-settings-graduate-certificate
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602-496-0937

Nursing, MS (NUNURDTMS)

Online Degree Search Title: Nursing, MS
Campus: Downtown Phoenix, ASU@Los Angeles, Online

The accelerated BSN/MS option is currently only available to ASU Online students.

Program Description:

The Master of Science in nursing degree is designed for nurses who are thinking about the future and ready to take the next step in their career. This Commission of Collegiate Nursing Education-accredited program focuses on four key areas: evidence-based practice, patient safety and health care quality, informatics, and leadership. This program is ideal for nurses looking to gain advanced education and skills in the translation of concepts, practices and principles of leadership.

Coursework is delivered completely online, providing each student with a learning experience that meets their needs and future aspirations. Throughout the program, students learn about leadership, innovative thinking and interprofessional team collaboration, and they advance their skills in leadership, research, evidence-based practice, evaluation, critical thinking, health care quality and patient safety.

Students will complete direct care clinical hours, and a role focused practicum that will allow the student to work with a preceptor in an area or role best suited to their career goals.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Nursing, BSN

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (NUR 593), or 36 credit hours including the required applied project course (NUR 593) - RN to MS Bridge Program.

Required Core (3 credit hours)
NUR 501 Individual and Innovation Leadership in Health Care (3) or HCI 538 Innovation and the Individual (3)

Other Requirements (24 credit hours)
DNP 602 Evaluating Research for Practice (3)

NUR 502 Advanced Health Assessment and Health Promotion (2)
NUR 503 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion II (3)
NUR 509 Clinical Prevention and Population Health Practicum (1)
NUR 521 Health Care Evidence, Informatics and Analysis (3)
NUR 529 Role-Focused Practicum: Patient Safety and Health Care Quality for the Nurse Leader (3)
NUR 544 Theoretical Foundations for Nursing (3)
NUR 547 Community, Global and Population Health (3)
NUR 548 Patient Safety, Health Care Quality & Informatics (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Additional Curriculum Information
Students in the RN to MS in Nursing bridge program complete 36 credit hours for this degree. In addition to the requirements listed above, these students must complete NUR 552 Dynamics of Professional Nursing I (3) and NUR 553 Dynamics of Professional Nursing II (3) before starting the MS curriculum. Proof of statistics completion with a C or better (applicants may be admitted to the program with a deficiency in statistics.)

Statistics is a required prerequisite for all MS Nursing programs.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned an associate or bachelor's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their associate degree nursing program or the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must be licensed as Registered Nurses (RN) and fulfill the admission requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are required to submit:

  • graduate admission application and application fee

  • official transcripts

  • two letters of recommendation

  • professional resume

  • written statement

  • proof of English proficiency

  • proof of statistics completion with a C or better (applicants may be admitted to the program with a deficiency in statistics)

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants applying only with an associate degree completed will need to provide a transcript that shows at least 72 earned undergraduate credit hours, from a regionally accredited institution or equivalent, to apply to the master's program.

Students who are admitted with an associate degree will be required to complete additional coursework in their plan of study.

The 4+1 accelerated option is open to online BSN students only. It is not an option for downtown BSN students.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Students residing in the following states are not eligible for enrollment in this program: Louisiana, New York, Oregon, Rhode Island, Tennessee, or

Washington. For more information visit https://admission.asu.edu/academics/authorizations.

An interview with faculty may be required for applicants who have a minimum of a bachelor's degree or higher. Applicants who apply without a bachelor's degree will be required to interview with faculty.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-nursing/)

Career Opportunities:
With a master's in nursing, students can prepare to work in an advanced position or a leadership role in the field. Some possible job titles after earning this degree include:

- charge nurse
- chief nursing officer
- director of nursing
- lead nurse
- nurse manager
- nurse supervisor

Contact Information:
Nursing and Health Innovation, Edson College of
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https://nursingandhealth.asu.edu/
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602-496-0937

Nursing (Entry to Nursing Practice), MS (NUNRENPRMS)

Online Degree Search Title: Nursing (Entry to Nursing Practice), MS
Campus: Downtown Phoenix

Program Description:
The MS program with a concentration in entry into nursing practice provides a pathway to master's-level nursing education for students who hold a baccalaureate degree in another discipline.

The plan of study builds on the students' prior baccalaureate education. This program option is delivered using a variety of face-to-face, hybrid and online delivery mechanisms. Graduates are eligible to take the National Council for Licensure Examination for Registered Nurses.

Degree Requirements:
53 credit hours including the required applied project course (NUR 593).

Required Core (3 credit hours)
HCI 538 Innovation and the Individual (3) or NUR 501 Individual and Innovation Leadership in Health Care (3)

Concentration (40 credit hours)
DNP 602 Evaluating Research for Practice (3)
NUR 514 Nursing Theory: Nursing Fundamentals (5)
NUR 515 Nursing Concepts for Psychiatric Mental Health (2)
NUR 516 Nursing Practice: Psychiatric Mental Health (2)
NUR 517 Nursing Practice: Pediatrics (2)
NUR 518 Nursing Practice: Adults (4)
NUR 519 Role-Focused Practicum: Care Coordination for the Nurse Leader (2)
NUR 524 Nursing Practice: Childbearing Family (2)
NUR 533 Nursing Concepts: Childbearing Family (2)
NUR 542 Readiness to Practice (2)
NUR 544 Theoretical Foundations for Nursing (3)
NUR 545 Advanced Pharmacology (3)
NUR 547 Community, Global and Population Health (3)
NUR 548 Patient Safety, Health Care Quality and Informatics (3)
NUR 550 Health Assessment (2)

Other Requirements (7 credit hours)
NUR 417 Nursing Concepts: Pediatric Clients (2)
NUR 478 Nursing Practice: Complex Care (2)
NUR 546 Nursing Concepts for Complex Care (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants who hold a BSN degree are not eligible and should apply to Nursing and Health Innovation.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • letter of intent or written statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may be admitted to the program with deficiencies. If a student is assigned any deficiency coursework by the academic unit upon admission, those courses must be completed with a grade of "B" (scale is 4.00 = "A") or higher before completing the graduate program's required coursework. Deficiency courses may include:

BIO 201 Human Anatomy and Physiology I and BIO 202 Human Anatomy and Physiology II
CDE 232 Human Development
CHM 101 Introductory Chemistry
HCR 240 Human Pathophysiology
MIC 205 Microbiology and MIC 206 Microbiology Laboratory
NTR 241 Human Nutrition
statistics (100-level or higher 3 credit hour course)

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of this program have the knowledge and training that enable them to provide health care for patients in a wide variety of settings. Career examples include intensive care nurses and registered nurses.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/ms/nursing-entry-nursing-practice-ms
MERC C250
msentry@asu.edu

602-496-0937

Nursing (Nursing Education), MS (NUNURSEDMS)

Online Degree Search Title: Nursing (Nursing Education), MS
Campus: Downtown Phoenix, ASU@Los Angeles, Online

Program Description:
The country is experiencing a shortage of nursing faculty. This degree program, with a concentration in nursing education, can help prepare students to advance their career and achieve their goal of becoming a nurse educator in an academic or practice setting. During this program, students prepare to teach future nurses and nursing leaders. They learn about educational theory and research, curricular design and evaluation, academic and clinical assessment, testing and evaluation, and they gain and advance their skills in curriculum and course development and delivery, research and evidence-based practice, and evaluation methods.

Coursework in the MS program in nursing is delivered completely online, providing each student with a learning experience that meets their needs and future aspirations. Throughout the program, students learn the key competencies of a master's prepared nurse while gaining additional nursing education skills. Students complete direct care clinical hours and a role-focused practicum that allows the student to work with a preceptor in an area or role best suited to their career goals.

The curriculum meets the competencies outlined by the American Association of Colleges of Nursing Essentials. Courses in this program are led by experienced nursing faculty and designed with active learning strategies. Depending on their career goals, students can choose to work with a clinical educator or an academic educator during the practicum.

Degree Requirements:
33 credit hours including the required applied project course (NUR 593).

Required Core (3 credit hours)
NUR 501 Individual and Innovation Leadership in Health Care (3) or HCI 538 Innovation and the Individual (3)

Concentration (12 credit hours)
NUR 670 Curriculum Development in Academic and Practice Settings (3)
NUR 671 Teaching in Academic and Practice Settings (3)
NUR 672 Design and Delivery of Mediated Instruction (3)
NUR 673 Producing and Evaluating Programs for Academic and Practice Settings (3)

Other Requirements (15 credit hours)
NUR 502 Advanced Health Assessment and Health Promotion (2)
NUR 503 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion II (3)
NUR 509 Clinical Prevention and Population Health Practicum (1)
NUR 544 Theoretical Foundations for Nursing (3)
NUR 579 Role-Focused Practicum: Nurse Educator (3)
DNP 602 Evaluating Research for Practice (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Licensure requirements: Applicants for the MS in nursing and MS in nursing (nursing education) program must meet one of the following criteria:

  • Students must hold a current unencumbered RN license in the state in which they plan to do clinical practicums.
  • Students located outside of the United States must provide international nursing credentials evaluated by the Credentials Evaluation Services (CES) Professional Reports through the Commision on Gradates of Foreign Nursing Schools (CGFNS) International for equivalency to US RN licensure.
  • Recent graduates of a nursing program must take and pass NCLEX and receive RN licensure by the end of their first semester in the program.

Health and Safety Requirements: Students recommended for admission must meet health and safety requirements by established deadlines, including a passing disposition on a background clearance, satisfactory completion of a substance screen and other requirements as a condition of admission.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-nursing-education/)

Career Opportunities:

The master's degree program in nursing education can prepare students for a variety of careers helping to educate the future nursing workforce. Job titles include:

  • charge nurse
  • chief nursing officer
  • clinical professor
  • director of nursing
  • faculty member
  • lead nurse
  • nurse educator
  • nursing supervisor

Graduates also are prepared for career advancement.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/ms/nursing-nursing-educator-ms
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Nursing and Healthcare Innovation, PHD (NUNHIPHD)

Online Degree Search Title: Nursing and Healthcare Innovation, PhD
Campus: Downtown Phoenix

Program Description:

The Edson College PhD program in nursing and healthcare innovation provides an enriching academic environment that strongly fosters scholarship, critical thinking, and interprofessional collaboration. This research-focused interdisciplinary doctoral degree is designed for individuals who wish to pursue and engage in careers as leaders in health science, health education and policy, and health innovation.

The doctoral graduate is prepared as a scholar with the research skills they need to generate, apply, and disseminate scientific knowledge while demonstrating the leadership skills necessary for influencing health processes, outcomes, policy and innovation. Graduates are prepared to assume key positions in research, education and administration with the goal of optimizing quality of life and health across diverse populations and settings.

The program is offered in a traditional on-site delivery format and through an innovative, synchronous online delivery format that is coupled with occasional travel to campus. Doctoral faculty mentors who represent and value a diversity of backgrounds and intellectual perspectives are committed to providing a learner-centered, research-focused doctoral education.

Concurrent Program Options:

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or

after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as a concurrent program with the following: Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)
NUR 602 State of the Science in Nursing and Healthcare Innovation (3)

Electives or Research (9 credit hours)

Other Requirements (30 credit hours)
NUR 601 Scientific Role Development I: Engaging and Committing (1)
NUR 603 Social and Contextual Issues in Nursing and Healthcare (3) or NUR 610 Genomics and Population Health (3)
NUR 604 Philosophy of Science Perspectives in Nursing and Healthcare Innovation (3)
NUR 605 Theory Analysis (3)
NUR 606 Scientific Role Development II: Validating and Demonstrating (1)
NUR 607 Scientific Role Development III: Bridging (1)
NUR 608 Qualitative Research Design and Methods (3)
NUR 609 Quantitative Research Design and Methods (3)
NUR 617 Foundational Concepts in Science and Statistics (3) or DNP 679 Biostatistics: Principals of Statistical Inference (3)
NUR 618 Advancing Research-Based Health Policy Through Leadership and Innovation Science (3) or DNP 711 Healthcare Policy and Innovation (3)
NUR 671 Teaching in Academic and Practice Settings (3)
NUR 680 Research Practicum in Nursing and Health Innovation (3)

Culminating Experience (12 credit hours)
NUR 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives and research. From those elective and research hours, 12 credit hours are required in a substantive area of specialization and may be taken in any semester, based on availability and student interest. Twenty-four credit hours of coursework with a research focus are required, including 12 hours of dissertation credit.

Students are required to enroll in a minimum of nine credit hours per semester for years one and two of their plan of study. The plan of study can be as broad or as narrow as the student and the supervisory program committee deem necessary for the student's career goals. Students may choose from the following five substantive areas of study: aging, education, health care innovation leadership, healthy families or world health.

The program may incorporate courses from other disciplines to further refine substantive areas of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume
• goal statement essay
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must show completion of a current inferential statistics prerequisite course.

GRE scores are recommended, but not required.

Students are admitted once a year, to start in the fall semester.

Career Opportunities:
Career examples include:

- academic faculty (e.g., professor)
- health care executive
- health educator
- health-focused scientist

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/phd/nursing-and-healthcare-innovation-phd
HLTHN 206DC
phdnursing@asu.edu
602-496-0930

Pediatric Nurse Practitioner (Certificate), Certificate (NUPDNPGRCT)

Online Degree Search Title: Pediatric Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board-certified in a different advanced practice nursing specialty area who seek additional certification as a primary care pediatric nurse practitioner and for nurses with a doctoral degree in nursing who seek to become a pediatric nurse practitioner. It also is a pathway for a DNP degree.

The primary care pediatric nurse practitioner certificate program prepares nurses to meet the physical, psychological and social needs of infants, children, adolescents and young adults (birth to 21 years of age). Core courses, including advanced pharmacology, advanced pathophysiology, advanced health assessment and others determined by the student's unique educational-work experience gap analysis, must be completed within the previous five years to be eligible for transfer credit. Using best evidence, specialty courses focus on health promotion and the assessment and management of culturally appropriate plans of health care for well infants, children, adolescents and young adults as well as those with minor, acute and stable complex and chronic health disorders.

This program is offered in a hybrid format that requires the student to travel to campus for up to a one-week orientation at the beginning of the program and then two or three times each semester for course in-person immersions.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorization website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:

32 credit hours.

Required Core (32 credit hours)
DNP 640 Advanced Human Pathophysiology Pediatrics (4)
DNP 641 Advanced Health Assessment Pediatrics (3)
DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (3)
DNP 645 Management of Common Problems in Pediatric Primary Care (3)
DNP 646 Management of Common Problems in Pediatric Primary Care Practicum (5)
DNP 647 Management of Complex and Chronic Health Problems in Pediatric Primary Care (3)
DNP 648 Management of Complex and Chronic Problems Pediatric Primary Care Practicum (5)

Additional Curriculum Information
Nurses who complete this certificate program meet the eligibility requirements to take a national pediatric nurse practitioner certification examination. In addition to completing didactic courses, students complete 13 credit hours (585 clock hours) of pediatric practicum experiences in a community setting.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
  • three professional letters of recommendation
  • resume
  • goal statement
  • admission essay
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to read The Essentials of Doctoral Education for Advanced Nursing Practice (2006) and then submit an admission essay. It should contain the following:

  • description of career goals for the next five to 10 years and discussion about how an NP certificate from ASU will help meet these goals
  • description of how meeting one of the first seven essentials (from the prescribed reading, above) will further the career goals

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and they must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Career Opportunities:

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. The pediatric nurse practitioner role is well established in all urban and most rural areas of Arizona. Graduates are prepared to provide comprehensive health care for infants, children, adolescents and young adults. Careers include:

- clinical education and training of future health care providers
- community health centers
- fast track emergency departments
- outpatient primary and secondary health care clinics
- specialty health care

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Nursing and Health Innovation, Edson College of
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https://nursingandhealth.asu.edu/
MERC C250
nursingandhealth@asu.edu
602-496-0907

Regulatory Science, MS (NURSHSMS)

Online Degree Search Title: Regulatory Science, MS
Campus: Downtown Phoenix, Online

Program Description:

The MS program in regulatory science is designed for students interested in protecting public health by controlling the distribution of products such as pharmaceuticals, medical devices, as well as agrochemicals. In particular, the ASU regulatory science program focuses on drugs and devices, preparing students for careers in the pharmaceutical, medical research and medical device industries.

The field of regulatory science focuses on the application of regulations throughout the lifecycle of medical products and compliance with regulations in the development, approval and marketing of medical products. This advanced degree incorporates a transdisciplinary approach to meet the unique needs of regulating bodies and the industry. While earning the Master of Science in regulatory science, students delve into all aspects of regulatory affairs including clinical research, ethics, quality systems, legal aspects and global regulatory practices in the regulatory field.

Degree Requirements:

33 credit hours including the required applied project course (HCR 593).

Required Core (18 credit hours)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 576 Drug Discovery, Development and Regulations (3)
HCR 577 Global Regulatory Affairs (3)
HCR 578 Legal Aspects of Clinical Research (3)

Restricted Electives (12 credit hours)
HCR 552 Medical Device Development and Regulation (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 558 Technical Writing for the Regulatory Professional (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 568 Health Care Project Management (3)
HCR 575 Management and Negotiation of Clinical Trial Budgets and Contracts (3)
HCR 579 Translational Research in Drug Discovery and Development (3)

Culminating Experience (3 credit hours)
HCR 593 Applied Project (3)

Additional Curriculum Information

For electives coursework, students choose four courses for 12 credit hours from the restricted electives list. Other coursework may be substituted with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- two online recommendations
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The online references should be from professional colleagues, supervisors, professors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/regulatory-science-ms/)

Career Opportunities:

The field of regulatory affairs continues to grow as pharmaceutical and medical development advances. Companies are eager to hire regulatory science professionals into jobs such as:

- FDA inspector
- quality assurance specialist
- quality control specialist
- regulatory affairs professional
- regulatory coordinator
- regulatory scientist

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu
MERCC 250
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602-496-0937

Regulatory Science (Food Safety), MS (NURGSCFSMS)

Online Degree Search Title: Regulatory Science (Food Safety), MS
Campus: Online

Program Description:

The MS program in regulatory science with a concentration in food safety online program covers contamination concerns and regulations throughout the food supply chain from growing to distributing to selling. Courses analyze food safety regulations from local, state and federal agencies, including the U.S. Food and Drug Administration. Students also gain an understanding of the ethical and legal challenges of food safety and regulation.

The food science master's degree explores all aspects of food safety including inspections, hazard analysis, safe food practices and the handling of food emergencies. Students learn how to identify food safety issues through the use of videos and simulations and write reports on their findings. The applied learning in the degree directly relates to the type of food safety problems that most frequently occur in the preparation, storage and processing of food.

This food safety master's degree is also unique in that it aligns with the content on the Certified Professional Food Manager certification exam from the National Environmental Health Association. While the degree doesn't result in certification, the program helps prepare students to take the NEHA exam.

Edson College of Nursing and Health Innovation highly recommends, but does not require, introductory chemistry (3 credits + 1 credit lab) and introductory biology (3 credits).

Students are responsible for the comprehension of the requirements of optional certification exams, credentials, and employment eligibility with specific organizations. The university cannot verify students will be eligible to test or to pass exams. Prior work experience, additional coursework, fieldwork and background checks may be necessary to be eligible to test and to acquire certifications and credentials successfully. Students should refer to the National Environmental Health Association (www.neha.org (www.neha.org)) for general information.

Degree Requirements:
33 credit hours including an applied project (HCR 593).

Required Core (18 credit hours)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 576 Drug Discovery, Development and Regulations (3)
HCR 577 Global Regulatory Affairs (3)
HCR 578 Legal Aspects of Clinical Research (3)

Concentration (12 credit hours)
HCR 543 Food Safety and Protection (3)
HCR 544 Assessing Food Safety and Developing Policy Procedures and Training (3)
HCR 550 Quality Assurance and Safety in Food and Dietary Supplements (3)
HCR 558 Technical Writing for the Regulatory Professional (3)

Culminating Experience (3 credit hours)
HCR 593 Applied Project (3)

Additional Curriculum Information
The culminating experience is an applied project course that includes a project based on a food topic studied during the degree program. Students choose a scientific, technical or regulatory project that includes a research protocol or professional presentation to industry professionals.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's science-based or related field degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A" in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • professional resume
  • written statement
  • proof of English proficiency

Additional Application information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-food-science/)

Career Opportunities:
Graduates from the food safety master's degree are well suited for a variety of jobs in food safety and regulatory science. In particular, the program prepares students for local, state and federal regulatory careers in agencies such as the FDA, the U.S. Department of Agriculture, state and county health departments, and food manufacturers.

Food safety regulation is a science focused on the safe handling, distribution, selling and preparation of food. Professionals in the food safety industry conduct site inspections, assess food safety hazards, develop preventative food safety procedures, create food safety policies and more depending on the position. No matter the job, the goal in food safety and regulation positions is always to protect the consumer.

Regulatory science and food safety careers include but are not limited to:

- environmental health specialist
- facility manager
- food inspector
- food-safe chemical supplier
- quality assurance manager
- quality control manager
- registered sanitarian
- regulatory investigator

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/
HLTHS 308
nursingandhealth@asu.edu
602-496-2644

Women's Health Nurse Practitioner (Certificate), Certificate (NUWHNPGRCT)

Online Degree Search Title: Women's Health Nurse Practitioner (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board certified in a different APRN specialty area who seek additional certification as a women's health nurse practitioner or for nurses with a doctoral degree in nursing who seek to become a women's health nurse practitioner.

The post-master's certificate as a women's health nurse practitioner prepares graduates to provide holistic, client-centered primary care for women from adolescence through older adulthood. Courses focus on the assessment, diagnosis and evidence-based management of common and complex gynecologic, sexual, reproductive, menopause-transition and post-menopause health care; uncomplicated and high-risk antepartum and postpartum care; as well as sexual and reproductive health care for men. Courses emphasize research and theories to provide the context essential to advanced nursing practice focusing on health promotion, risk assessment and disease prevention for women across the lifespan, taking into account factors that influence health care and health outcomes.

This women's health nurse practitioner certificate program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for orientation and then two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and Edson College of Nursing and Health Innovation must

approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

Rural health and experiences with disadvantaged and multicultural populations are encouraged.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the ASU state authorizations website: https://admission.asu.edu/academics/authorizations (https://admission.asu.edu/academics/authorizations).

Degree Requirements:
23 credit hours.

Required Core (23 credit hours)
DNP 613 Women's Health Promotion I (3)
DNP 614 Women's Health Practicum I (3)
DNP 615 Management of Common Problems in Women's Health (3)
DNP 616 Advanced Women's Health Practicum II (5)
DNP 617 Management of Complex and Chronic Disease in Women (3)
DNP 618 Advanced Women's Health Practicum III (6)

Additional Curriculum Information
Nurses who complete this certificate meet the eligibility requirements to take the national women's health nurse practitioner certification examination. In addition to completing didactic courses, students complete 14 credit hours (630 clock hours) of practicum experiences in a community setting.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
• three professional letters of recommendation
• resume
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants must be board certified in a different APRN specialty.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to submit an admission essay addressing the applicant's career goals for the next five to 10 years and how obtaining an NP

certificate from Arizona State University will help them meet these goals and how meeting one of the first seven essentials from The Essentials of Doctoral Education for Advanced Nursing Practice (2006) will further their career goals.

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

For U.S. Department of Education Gainful Employment Program Disclosure information, students should refer to the College of Nursing and Health Innovation website.

Career Opportunities:
The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the women's health nurse practitioner certificate program have the knowledge and training to provide healthcare for patients across the lifespan in a wide variety of settings. The broad base of comprehension and clinical expertise enable graduates to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu
MERC C250
nursingandhealth@asu.edu
602-496-0937

Public Service and Community Solutions, Watts College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)

Online Degree Search Title: Assessment of Integrative Health Modalities (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The graduate certificate program in assessment of integrative health modalities provides students with extensive knowledge of integrative health practices and with an experiential and didactic experience in which cutting-edge research is explored, advanced skills are developed and a mindfulness practice is nurtured.

To satisfy the culminating project requirement, students may more deeply explore a topic of interest by completing an individual research paper or by performing a community activity that demonstrates mastery and application of the advanced skills acquired while enrolled in the certificate program.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
SWG 655 Quality of Life, Mastering Mindfulness (3)

SWG 656 Treating the Whole Person (3)
SWG 657 Holistic Therapies for Modern Times (3)

Transdisciplinary Electives (6)

Additional Curriculum Information
After the completion of the three approved courses and prior to completing the last course of the program, students are required to complete a signature project highlighting their certificate experience.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health or human services or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • proof of English proficiency

In addition, applicants are required to submit to the School of Social Work:
  • a resume
  • a one- to two-page statement
  • the School of Social Work application to the assessment of integrative health modalities certificate program

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

This certificate is open to professionals in social work, nursing or related health and human service professions from the community as well as to students currently admitted to a health and human services degree program at the master's or doctoral level.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Integrate mindfulness into personal and professional lives
  • Apply knowledge of human behavior in the social environment when working with individuals, families and groups.

Career Opportunities:
Professionals with expertise in health, behavioral health and medical settings are in high demand across many disciplines including:

  • education.
  • medicine
  • nonprofit and for-profit agencies
  • social services

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/content/assessment-integrative-health-ihi
UCENT 800
sswgradcerts@asu.edu

602-496-0800

Community Development Practice, MPS (PPCMDVPMPS)

Online Degree Search Title: Community Development Practice, MPS
Campus: Downtown Phoenix

Program Description:
The MPS program in community development practice trains existing and future practitioners in approaches to developing healthy, sustainable and resilient communities.

The program provides students with historical and theoretical foundations, applied research skills and core competencies centered around community building, development practices and the facilitation of democratic and cross-sector collaboration toward social innovation and community solutions. It allows students to establish an emphasis on a wide range of topics including business, law, economic development, housing, health, sustainability, education, social and environmental justice, or nonprofit leadership and management, drawing from the extensive expertise of ASU faculty.

The program is designed for flexibility. Students can complement the core curriculum with coursework of their choosing or a select an existing area of emphasis. Other than an annual in-person residency of 7-10 days, the degree can be completed either entirely online or with an option to experience on-campus courses as part of the area of emphasis.

Degree Requirements:
30 credit hours including the required capstone course (CRD 596).

Required Core (15 credit hours)
CRD 570 Foundations of Community Development (3)
CRD 571 The Community Development Process (3)
CRD 573 Local and Regional Development (3)
CRD 574 Applied Research Skills (3)
CRD 577 Community Building Practice (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
CRD 596 Community Development Capstone Project (3)

Additional Curriculum Information
Students are highly encouraged to work with a faculty advisor to establish an area of emphasis. The plan of study includes 12 credit hours of electives so students may gain specialized expertise in a specific area. Some examples include arts, culture and design, business, communications, education, health, housing and economic development, law, social justice, sustainability, urban and environmental planning and urban design. Students should see the academic unit for suggested areas of emphasis and electives.

Students may select electives that are not on the approved electives list with administrative approval and by articulating the relevance to their plan of study.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• letter of intent
• professional resume
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Career Opportunities:
Graduates are highly competitive for careers in areas such as local governance, nonprofit and philanthropic sectors, as well as for doctoral programs in community development, urban studies, public policy and related fields.

Career opportunities include:

- community development officers
- community health officers
- economic development officers
- housing policy officers
- public policy analysts
- sustainability officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development, MS (PPRECDTMS)

Online Degree Search Title: Community Resources and Development, MS
Campus: Downtown Phoenix

Program Description:
The MS in community resources and development is offered by the School of Community Resources and Development.

The master's degree program prepares students to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities.

Students choose between two academic options: the thesis or the practicum professional option.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Development, BA
Community Sports Management, BS
Community Sports Management (Events), BS
Nonprofit Leadership and Management, BS
Nonprofit Leadership and Management (American Indian Studies), BS
Parks and Recreation Management (Therapeutic Recreation), BS
Parks, Recreation and Sport Management, BS
Tourism Development and Management, BS
Tourism Development and Management (Meetings and Events), BS
Tourism Development and Management (Resort and Hotel Leadership), BS
Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 36 credit hours including the required applied project course (CRD 593).

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Electives (9 or 15 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Completion of the master's degree in community resources and development requires two years of study, on the average.

Students may select a thesis or applied project. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The applied project option is intended for students seeking additional knowledge and expertise relevant to professional career development. Advising and direction in both options are under the direct supervision of an assigned faculty member.

Students in the applied project option take CRD 530 as part of their core coursework and 15 credit hours of electives.

Students in the thesis option take an advanced inquiry course as part of their core coursework and nine credit hours of electives. The thesis must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of professional and academic goals
  • three letters of recommendation
  • current resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree classes.

Career Opportunities:
Career opportunities after graduation include:

  • community services officers
  • nonprofit and nongovernmental organization officers
  • parks and recreation officers
  • tourism officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550

scrd@asu.edu
602-496-0550

Community Resources and Development, PHD (PPCRDPHD)

Online Degree Search Title: Community Resources and Development, PhD
Campus: Downtown Phoenix

Program Description:
The PhD in community resources and development is a research-intensive doctoral degree program grounded in theory and designed to prepare graduates for research-oriented careers in many areas. The program is based on the concept of building sustainable and healthy communities as the unifying principle in the established focus areas of community studies; nonprofit leadership and management; parks, recreation and leisure; and tourism development and management.

The theoretical and methodological approaches embedded in this program serve to integrate scholarship in these areas in order for students to gain a more meaningful understanding of the impact on community life and dynamics.

The program is transdisciplinary in nature. The core faculty engaged in this program are housed in the School of Community Resources and Development. In addition, the program builds on current collaborations with faculty with related research interests from many ASU departments, schools and centers. In addition, the program builds on current collaborations with faculty with related research interests from many ASU departments, schools and centers.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)
CRD 502 Statistical and Data Analysis (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 610 Sustainable Communities (3)
CRD 620 Community Research Methods (3)
CRD 640 Research Seminar in Community Resources and Development I (3)
CRD 650 Research Seminar II (3)
CRD 683 Fieldwork (3)
advanced statistics or methods (3)

Electives or Research (18 credit hours)

Culminating Experience (12 credit hours)
CRD 799 Dissertation (12)

Additional Curricular Information
Up to 30 credit hours from a previously awarded master's degree can count toward the doctoral requirements.

All students are advised as a cohort initially by the doctoral program director. Students are required to take 24 credit hours of core coursework, 15 hours of which are with the cohort during the first year and six hours of which are with the cohort during the second year. Students are assigned an individual advisor or mentor at the end of the first year of study. A supervisory committee is also formed at the end of the first year which reflects the interests of the student and faculty.

Each student develops a plan of study in consultation with the doctoral program coordinator, advisor and supervisory committee. Students complete elective coursework, including courses from contributing disciplines, selected in consultation with their advisor to foster the transdisciplinary nature of the degree program. Students also complete at least six credit hours of CRD 792 Research and 12 credit hours of CRD 799 Dissertation. When the majority of coursework has been completed and before dissertation research is started, students must complete a written examination followed by an oral examination. These examinations must be completed within five years of admission.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current and professional resume
- statement of academic and professional goals
- GRE test scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement. The minimum TOEFL requirement is 550 (PBT) or 80 (iBT). The minimum IELTS requirement is an overall band score of 6.5 (no individual band below a 6.0). The TOEFL or IELTS must have been taken within the last two years.

GRE must be taken within the past five years. Applicants are expected to meet the GRE minimum requirements of combined score of at least 300, verbal minimum of 146, quantitative minimum of 140, and writing of 3.5.

The statement of academic and professional goals should be in sufficient detail to indicate compatibility with the educational objectives and capabilities of the doctoral program (approximately three pages, single spaced). Applicants need to explain their research interests and indicate the faculty member with whom they would like to work. Students should review faculty profiles (https://scrd.asu.edu/faculty_directory (https://scrd.asu.edu/faculty_directory)) to learn their research expertise. Applicants are encouraged to contact the PhD program director prior to application submission to discuss interests and fit with the program and faculty. They are also encouraged to contact faculty with similar interests to discuss their fit with the program. Successful statements should make it clear why the applicants have chosen to do a doctorate in community resources and development and how this program will fulfill their career goals.

The recommendation letters may be a mix of academic and professional references, but each must address the applicant's capacity to successfully complete the doctoral program.

Students applying to the program are expected to have a master's degree (from an accredited institution) which included a master's degree-level research methods and statistics class or classes. If deficiencies exist in community resource and development-related coursework at the master's degree level, appropriate classes are suggested.

The doctorate in community resources and development is designed as a full-time, research-intensive program. Students are admitted once a year as a cohort and are generally expected to complete the degree in three to four years. A small number of part-time students on a longer completion time frame may be admitted when space is available. The school does not provide funding for part-time students.

Applications are reviewed by the admission committee and recommendations for admission are then made by the graduate program director to the dean of the Graduate College.

Career Opportunities:

Graduates are prepared for research-oriented careers in higher education, governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include university professor, think-tank researcher, independent scholar, consultant, foundation officer, government officer and corporate social responsibility officer.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development (Nonprofits and NGOs), MS (PPCRDNPMS)

Online Degree Search Title: Community Resources and Development (Nonprofits and NGOs), MS
Campus: Downtown Phoenix

Program Description:

The MS in community resources and development with a concentration in nonprofits and NGOs is a research-oriented degree program.

Students learn to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Nonprofit Leadership and Management, BS
> Nonprofit Leadership and Management (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 36 credit hours including the required applied project course (CRD 593).

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Required Concentration (6 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 562 Social Entrepreneurship (3)

Elective or Research (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Completion of the master's degree in community resources and development requires two years of study, on the average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom will reside in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • statement of professional and academic goals
 • three letters of recommendation
 • current resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only complete application files are reviewed or considered for admission. Students without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree-level classes.

Applicants interested in financial aid need to submit their applications by February 1 for fall semester admission and October 1 for spring semester admission. Applications are accepted on a rolling basis.

Career Opportunities:
This degree program builds student expertise in nonprofit leadership and management and is designed to prepare graduates for careers in:

- charitable associations
- foundations
- governmental agencies
- nonprofit organizations
- private-sector businesses

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development (Parks and Recreation Management), MS (PPCRDPRMS)

Online Degree Search Title: Community Resources and Development (Parks and Recreation Management), MS
Campus: Downtown Phoenix

Program Description:
The MS in community resources and development with a concentration in parks and recreation management is a research-oriented master's degree program.

Students learn to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities. With the commitment of faculty mentors, they learn how to approach and solve problems through the lens of community solution analysis: considering all regulatory, policy and relationship factors to make informed decisions.

Courses are completed conveniently at ASU's Downtown Phoenix campus.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Development, BA
Community Sports Management, BS
Community Sports Management (Events), BS
Parks and Recreation Management (Therapeutic Recreation), BS
Parks, Recreation and Sport Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 36 credit hours including the required applied project course (CRD 593).

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 570 Sustainable Tourism (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Completion of the master's degree program in community resources and development requires two years of study, on the average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project option is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • statement of professional and academic goals
  • three letters of recommendation
  • current resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree-level classes.

Career Opportunities:
Graduates are prepared for careers in governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include:

  • community services officers.
  • nonprofit and nongovernmental organization officers
  • parks and recreation officers
  • tourism officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development

Community Resources and Development (Sustainable Communities), MS (PPCRDSCMS)

Online Degree Search Title: Community Resources and Development (Sustainable Communities), MS
Campus: Downtown Phoenix

Program Description:
The MS in community resources and development with a concentration in sustainable communities is a research-oriented master's degree program designed to prepare students for their future careers by teaching them to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management; nonprofits and nongovernmental organizations; and sustainable communities.

Students benefit from the commitment of faculty mentors who teach how to approach and solve problems through the lens of community solution analysis --- considering all regulatory, policy and relationship factors for making informed decisions.

Courses are completed conveniently at ASU's Downtown Phoenix campus.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Development, BA
Community Sports Management, BS
Community Sports Management (Events), BS
Parks and Recreation Management (Therapeutic Recreation), BS
Parks, Recreation and Sport Management, BS
Tourism Development and Management, BS
Tourism Development and Management (Meetings and Events), BS
Tourism Development and Management (Resort and Hotel Leadership), BS
Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 36 credit hours including the required applied project (CRD 593).

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)
CRD 610 Sustainable Communities (3)
NLM 562 Social Entrepreneurship (3) or
NLM 572 Community and Social Innovations (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Completion of the master's degree program in community resources and development requires two years of study on average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option

must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of professional and academic goals
- three letters of recommendation
- current resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree classes.

Career Opportunities:
This degree program prepares graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include:

- community services officers
- nonprofit and nongovernmental organization officers
- parks and recreation officers
- tourism officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development (Tourism), MS (PPCRDTMMS)

Online Degree Search Title: Community Resources and Development (Tourism), MS
Campus: Downtown Phoenix, ASU@Hainan

Program Description:
The MS in community resources and development with a concentration in tourism is a research-oriented master's degree program designed to prepare graduates for careers in many areas.

Students learn to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities, and they learn how to reinvent aspects of tourism through community solutions analysis, considering all regulatory, policy and relational factors to make informed and innovative decisions while collaborating with a faculty mentor along the way.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Development, BA
Community Sports Management, BS
Community Sports Management (Events), BS
Tourism Development and Management, BS
Tourism Development and Management (Meetings and Events), BS
Tourism Development and Management (Resort and Hotel Leadership), BS
Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours and a thesis, or 36 credit hours including the required applied project (CRD 593).

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 570 Sustainable Tourism (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Completion of the master's degree program in community resources and development requires two years of study on average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of professional and academic goals
• three letters of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree classes.

Career Opportunities:
This degree prepares graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include:

- community services officers
- nonprofit and nongovernmental organization officers
- parks and recreation officers
- tourism officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrd@asu.edu
602-496-0550

Corrections Leadership and Management (Certificate), Certificate (PPCMGGRCT)

Online Degree Search Title: Corrections Leadership and Management (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:
The graduate certificate in corrections management is designed to give students already holding a bachelor's degree a solid foundational understanding of correctional administration, leadership and policy analysis.

The curriculum provides coursework in criminal justice organizations, corrections and community supervision, institutional management, and in cross-disciplines such as public administration.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
CRJ 514 Seminar in Corrections (3)
CRJ 529 Community Corrections (3)
PAF 520 Public Management (3)

Electives (6 credit hours)

Additional Curricular Information
For electives, students should see the academic unit for the approved course list. A culminating experience is not required for this program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application
- official transcripts

- written statement of career and educational goals
- proof of English proficiency

Students not admitted to a graduate degree-granting program at ASU (nondegree-seeking students) also must submit two letters of recommendation and a current resume.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students from related fields, such as public policy, political science, psychology, sociology, as well as other social science degrees, might be interested in this program; however, all eligible students are considered. Although most students likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school accepts applicants with undergraduate degrees from all educational backgrounds.

Admission examinations for this program are not required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-corrections-management/)

Career Opportunities:
Graduates of the corrections leadership and management graduate certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies (federal, state and local) including National Institute of Corrections, Federal Bureau of Prisons, and local and state-level corrections departments.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 600
IDPAdvising@asu.edu
602-496-0485

Crime Analysis, MS (PPCRIMANMS)

Online Degree Search Title: Crime Analysis, MS
Campus: Online

Program Description:
The MS program in crime analysis is focused on crime analysis as a field, applicable to all levels of government --- federal, state, local --- and to positions in private sector organizations with functional and operational activities related to crime analysis.

Students study topics relating to the current principles of crime analysis, crime mapping, and advanced statistical tools in crime analysis.

Degree Requirements:
30 credit hours inluding an applied project (CRJ 593).

Required Core (24 credit hours)
CRJ 506 Seminar in Crime Analysis (3)
CRJ 507 Social Network Analysis (3)
CRJ 508 Advanced Seminar in Crime Analysis (3)
CRJ 509 Data Management (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 512 Seminar in Policing (3)
CRJ 531 Crime Mapping (3)

Culminating Experience (6 credit hours)
CRJ 593 Applied Project (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology and criminal justice or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students with an undergraduate GPA under 3.00 may be permitted enrollment in up to 12 credit hours on a probationary basis. Those who maintain a GPA of 3.00 or higher are considered for regular admission.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-crime-analysis/)

Career Opportunities:

Graduates of this program should expect to find employment within government agencies such as local law enforcement; the Department of Homeland Security, which comprises several agencies including the Secret Service, Coast Guard, and Customs and Border Protection; adult and juvenile probation; the courts; corrections; agencies; and prosecutor's offices. Personnel in this field work at the local, state or federal level to implement and maintain public and national safety. Some crime analysts also work for private organizations that deal with emergency response, law enforcement and information technology. There is also a growing demand for crime analysts in Latin America and the Caribbean, in particular, with nations seeking platforms for educating and training future and current crime analysts.

Some job titles for this career path include:

- crime data analyst
- criminal information analyst
- head of crime analysis
- intelligence analyst
- investigative analyst
- police crime analyst
- strategic data analyst

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 520
idpadvising@asu.edu
602-496-0485

Crime Analysis (Certificate), Certificate (PPCRMAGRCT)

Online Degree Search Title: Crime Analysis (Graduate Certificate)
Campus: Online

Program Description:

The graduate certificate program in crime analysis is focused on crime analysis as a field, applicable to all levels of government --- federal, state, local --- and to positions in private sector organizations with functional and operational activities related to crime analysis.

Students study topics relating to the current principles of crime analysis, crime mapping, and statistical tools in crime analysis.

Degree Requirements:

15 credit hours.

Required Core (15 credit hours)
CRJ 506 Seminar in Crime Analysis (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 512 Seminar in Policing (3)
CRJ 531 Crime Mapping (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology, criminal justice, homeland security, counter-terrorism or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • letter of intent
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/crime-analysis/)

Career Opportunities:
Graduates of this program should expect to find employment within government agencies such as local law enforcement; the Department of Homeland Security, which comprises several agencies including the Secret Service, Coast Guard, and Customs and Border Protection; adult and juvenile probation; the courts; corrections; agencies; and prosecutor's offices. Personnel in this field work at the local, state or federal level to implement and maintain public and national safety. Some crime analysts also work for private organizations that deal with emergency response, law enforcement and information technology.

Careers in crime analysis may fall under the category of forensic technicians, a field projected to grow 14% between 2018 and 2028, much faster than the average for all occupations, with a median salary of $59,150 per year (Bureau of Labor Statistics, 2020). Careers for graduates also may fall under the category of criminal investigators, a field expected to increase between 5% and 9% through 2026, with a median salary of $81,920 (Bureau of Labor Statistics, 2018).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
idpadvising@asu.edu
602-496-0485

Criminal Justice, MA (PPCRIMJMA)

Online Degree Search Title: Criminal Justice, MA
Campus: Online

Program Description:
The MA program in criminal justice is designed to provide criminal justice agency professionals with training in research methods and statistics.

Coursework covers topics of criminology and the operation of the criminal justice system. The degree program also provides students with advanced training in program planning and management, policy analysis and program evaluation.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Criminology and Criminal Justice, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours including the required capstone course (CRJ 505).

Required Core (12 credit hours)
CRJ 501 Seminar in Criminal Justice (3)
CRJ 502 Seminar in Criminology (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
Capstone Course: CRJ 505 Theory and Practice in Criminal Justice (3)

Additional Curriculum Information
Students can develop specializations in areas such as policing, corrections and management by combining required and elective coursework.

Students should see the academic unit for an approved elective course list. Electives must be at the 500 level.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- a written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Students should see the academic unit website for application deadlines.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-criminal-justice/)

Career Opportunities:
The Master of Arts program in criminology and criminal justice is designed to help advance a career in criminal justice.

Graduates find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies at federal, state and local levels, including:

- city, county and state government liaison to criminal justice agencies
- communications supervisor (911 and dispatch)
- court administrator
- evidence and crime scene supervisor (CSI activities)
- intelligence analyzer
- law enforcement professional
- police crime analysis supervisor
- pretrial release specialist
- probation, parole or community supervisor
- property management and evidence retention supervisor
- risk manager
- veterans services specialist

Opportunities also exist in supervisory and management positions in social service agencies including:

- child and family services (e.g., Head Start, child support enforcement, foster care, elder care)
- Department of Economic Security
- homeless outreach

Graduates also have the opportunity to work in supervisory and management positions in the private sector, including online security, as well as in the cyber security sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/content/criminal-justice-ma
UCENT 520
idpadvising@asu.edu
602-496-0485

Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)

Online Degree Search Title: Criminal Sentencing and Sentencing Advocacy (Graduate Certificate)
Campus: Online

Program Description:
The certificate program in criminal sentencing and sentencing advocacy assumes that in order for any professional to function effectively they must have a fundamental knowledge of the respective roles sentencing professionals play during various phases of the criminal justice process.

In keeping with this viewpoint, all students are required to take courses for practice as both a presentence investigator and a sentencing advocate. Those courses are seminars in courts and sentencing, in presentence investigations and in alternatives to penal sanctions. After taking these required courses, students select an area of specialization to further their expertise as either a probation professional, mitigation specialist or victim advocate. They take these courses from a range of electives available in the School of Criminology and Criminal Justice and in the School of Social Work.

This interprofessional certificate program also provides participants with content on the relationship between mental disorder and crime and the way in which differential sentencing frameworks affect the sentencing of offenders suffering from mental disorders.

This program is highly recommended for social workers desiring to practice as mitigation specialists and for criminal justice professionals responsible for making recommendations about the appropriateness of sentencing alternatives for persons with known mental disorders.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
CRJ 513 Seminar in Courts and Sentencing (3)
SWG 528 Presentence Investigations (3)
SWG 529 Alternatives Penal Sanctions (3)

Electives (6 credit hours)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work, criminology, criminal justice or a related field, or if they are individuals who are currently enrolled in the master of criminal justice program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

This program does not require admission examinations.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-criminal-sentencing-and-sentencing-advocacy/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Write a Presentence Report (PSR) from information provided, including police reports, victim statements, interested parties
- Apply professional evidence-based interventions when working with offenders in the criminal justice system.

Career Opportunities:
Social workers, criminal justice professionals and recent graduates of psychology and other social and behavioral sciences perform a number of roles in the disposition and sentencing of public offenders. They also provide support for victims of crime during the criminal justice process.

Career examples include:

- mitigation specialist
- presentence investigator
- probation professional
- sentencing advocate
- victim advocate

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
sswgradcerts@asu.edu
602-496-0800

Criminology and Criminal Justice, MS (PPCRJMS)

Online Degree Search Title: Criminology and Criminal Justice, MS
Campus: Downtown Phoenix

Program Description:
The MS in criminology and criminal justice is a research degree program designed to provide students with a high level of theoretical and empirical knowledge about crime and criminal justice.

The program provides students with the advanced research skills and training in program planning and management and in policy and statistical analysis that are required for careers as criminal justice researchers, leadership roles in criminal justice and related agencies and organizations and for continued study in doctoral programs in criminology and criminal justice.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
Public Administration, MPA
Public Policy, MPP

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Criminology and Criminal Justice, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours and a thesis, or 33 credit hours including the required capstone course (CRJ 505).

Required Core (12 credit hours)
CRJ 501 Seminar in Criminal Justice (3)
CRJ 502 Seminar in Criminology (3)
CRJ 503 Research Methods (3)
CRJ 504 Statistical Tools for Criminology and Criminal Justice (3)

Systems Courses (6 credit hours)
CRJ 512 Seminar in Policing (3)
CRJ 513 Seminar in Courts and Sentencing (3)
CRJ 514 Seminar in Corrections (3)

Electives (6-12 credits hours)

Other Requirement (0-3 credit hours)
CRJ 604 Regression Models (3)

Culminating Experience: (3-6 credit hours)
CRJ 505 Theory and Practice in Criminal Justice (3) or
CRJ 599 Thesis (6)

Additional Curriculum Information
Students select two of the three systems courses listed above.

For the culminating experience, students choose either the thesis option or the capstone course. CRJ 604 Advanced Statistical Analysis is only required for the thesis option. To satisfy the thesis requirements for the degree, candidates must write a thesis and defend it in an oral examination conducted by the student's thesis committee. Students in the capstone option are not required to take CRJ 604.

Each student's program is designed in consultation with the faculty advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- personal statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should address the applicant's prior education and professional experience, discuss the applicant's career goals and explain how the degree can help the applicant achieve these goals.

Applicants should see the program website for application deadlines.

Career Opportunities:
Graduates of the Master of Science program in criminology and criminal justice find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies at federal, state and local levels, including:

- city, county, and state government liaison to criminal justice agencies
- communications supervisor (911 and dispatch)
- court administrator
- evidence and crime scene supervisor (CSI activities)
- intelligence analyst
- law enforcement professional
- police crime analysis supervisor
- pretrial release specialist
- probation, parole or community supervisor
- property management and evidence retention supervisor
- risk manager
- sheriff
- veterans services specialist

Opportunities also exist in supervisory and management positions in social service agencies including:

- child and family services (e.g., Head Start, child support enforcement, foster care, elder care)
- Department of Economic Security
- homeless outreach
- victim advocacy

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
gradsccj@asu.edu
602-496-2356

Criminology and Criminal Justice, PHD (PPCRJPHD)

Online Degree Search Title: Criminology and Criminal Justice, PhD
Campus: Downtown Phoenix

Program Description:
The School of Criminology and Criminal Justice at Arizona State University offers an on-campus program of coursework and research leading to the PhD in criminology and criminal justice.

This program emphasizes criminal justice theory, research and policy and is designed to produce highly skilled criminology and criminal justice faculty and agency researchers and administrators.

The doctoral program is organized around five components: a comprehensive examination, a core of required courses in research methods and analytical techniques, a core of required courses in theory and research on crime and the criminal justice system, a dissertation and elective

courses in criminology, criminal justice and related fields.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)
CRJ 601 Seminar on Criminological Theory (3)
CRJ 602 Seminar on Criminal Justice Policies and Practices (3)
CRJ 604 Regression Models (3)
CRJ 605 Topics in Quantitative Methods (3)

Theory Coursework (6 credit hours)
CRJ 521 Topics in Criminological Psychology (3)
CRJ 523 Seminar in Network Criminology (3)
CRJ 524 Theories of Punishment (3)
CRJ 525 Seminar on Life-Course Criminology (3)

Criminal Justice Systems Coursework (9 credit hours)
CRJ 512 Seminar in Policing (3)
CRJ 513 Seminar in Courts and Sentencing (3)
CRJ 514 Seminar in Corrections (3)
CRJ 517 Seminar on Juvenile Delinquency and Juvenile Justice (3)

Criminal Procedures Coursework (3 credit hours)
CRJ 537 Criminal Procedure of Investigations for Social and Forensic Scientists (3)
CRJ 538 Criminal Law and Social Control (3)
CRJ 539 Topics in Law, Crime and Justice (3)

Research Methods (6 credit hours)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 531 Crime Mapping (3)
CRJ 540 Qualitative Methods (3)
CRJ 560 Topics in Research Methods (3)

Electives (36 credit hours)

Culminating Experience (12 credit hours)
CRJ 799 Dissertation (12)

Additional Curriculum Information
A maximum of 30 credit hours of coursework from a previously awarded master's degree or JD may, with approval of the supervisory committee and the Graduate College, be applied toward the doctoral plan of study.

For the theory, criminal justice systems, criminal procedures and research methods courses, students select the number of required credit hours from the list provided. Other courses may be substituted with approval of the academic unit.

The following professional development workshop courses are recommended, but not required.
CRJ 614 Professional Development Workshop I: Professionalization
CRJ 615 Professional Development Workshop II: Preparing to Teach Effectively
CRJ 616 Professional Development Workshop III: Navigating the Academic Job Market in CCJ

All students must demonstrate proficiency in research design as well as quantitative and qualitative methods.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants should hold a master's degree from an accredited institution; it may be in criminal justice, criminology or another field (e.g. sociology, political science, history, social work, public administration, psychology or philosophy). In exceptional cases, the admission committee will consider applicants who hold only a bachelor's degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- GRE scores
- two letters of recommendation
- current curriculum vitae or resume
- personal statement
- sample of the applicant's written work
- proof of English proficiency.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Requirements can be found on the Admission Services website at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

Official transcripts must be submitted from every university or institution in which a degree was awarded.

GRE scores must be from within the last five years.

The letters of recommendation must be from faculty members or others qualified to evaluate the applicant's academic potential for doctoral study.

The personal statement should not exceed five pages, and it should describe the applicant's prior education, relevant professional experience and career goals. The statement must explain how the doctorate in criminology and criminal justice will help the applicant attain his or her career goals. The statement should explicitly explain how the student's plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU.

The applicant's sample of written work should be submitted electronically. The writing sample may be an article (published or unpublished), a research paper, or any other extended sample of expository skill, and the sample must be no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents should not be password protected. Acceptable file types are .rtf, .pdf, and .doc.

Students should see the unit website for application deadlines.

Career Opportunities:
Graduates of the criminology and criminal justice doctorate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies (federal, state, and local), policymaking, and teaching and research, including:

- city, county, and state government liaison to criminal justice agencies
- court administrator
- detective or investigator
- evidence and crime scene supervisor (CSI activities)
- forensic scientist
- intelligence analyst
- law enforcement or police crime analysis supervisor
- policy analyst
- probation, parole or community supervisor
- professor of criminal justice

Opportunities also exist in supervisory and management positions in social service agencies including:

- child and family services (e.g. Head Start, child support enforcement, foster care, elder care)
- Department of Economic Security
- homeless outreach
- victim advocacy

Graduates also have the opportunity to work in supervisory and management positions in the private sector, including online security, as well as in the cybersecurity sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice

Domestic Violence and Evidence-Based Practice (Certificate), Certificate (PPDVEPGRCT)

Online Degree Search Title: Domestic Violence and Evidence-based Practice (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The certificate program in domestic violence and evidence-based practice provides students with the experience and knowledge to intervene safely and effectively on behalf of survivors of gender-based violence, a vulnerable group that helping professionals are likely to encounter in all areas of practice. Graduates who have learned the dynamics of domestic violence and other forms of gender-based violence are better equipped to assist those suffering its negative physical and mental health consequences.

Evidence-based care is crucial in domestic violence settings. Students in the certificate program engage in service-based and classroom learning to understand the role of evidence-based interventions in promoting survivor safety and client empowerment. Upon completion of the program, certificate holders become verified advocates for victims of domestic violence in the state of Arizona.

Degree Requirements:
15 credit hours.

Required Core (3 credit hours)
SWG 545 Domestic Violence and National AmeriCorps Service (3)

Restricted Electives (6 credit hours)
SWG 546 Approaches to Teen Dating Violence Prevention (3)
SWG 618 Advanced Practice in Domestic Violence (3)
SWG 647 The Domestic Violence Movement: An Intersectional Framework (3)
SWG 648 Intimate Partner Violence Risk Assessment (3)

Other Requirement (6 credit hours)
SWG 541 Field Practicum I (3) or SWG 641 Advanced Practicum: Direct Practice I (3) or SWG 643 Advanced Practicum: Planning, Social Work Administration and Community Practice I (3)
SWG 542 Field Practicum II (3) or SWG 642 Advanced Practicum: Direct Practice II (3) or SWG 644 Advanced Practicum: Planning, Social Work Administration and Community Practice II (3)

Additional Curriculum Information
For restricted electives, students select two courses from the approved course list. Other coursework may be used with the approval of the academic unit.

For the other requirement section, students must select one course from SWG 541, SWG 641 or SWG 643 and one course from SWG 542, SWG 642 or SWG 643. Other coursework may be used with approval of the academic unit.

The student's department-specific field experience practicum credits may be substituted for the other requirement section with department approval.

All students are required to complete 300 hours (minimum) of domestic violence service through a field experience practicum. Students should work with the academic unit in coordinating the field experience practicum. Concurrent to the beginning of their field experience practicum, students take the Domestic Violence and National AmeriCorps Service core course (SWG 545) in order to learn about the foundations for working with domestic violence victims. The coursework and field experience practicum experience maximize experiential learning opportunities.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and are degree-seeking graduate students. Experience in social work, social services or a related field is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants interested in the domestic violence and evidence-based practice certificate are asked to attend an interview. The interview is a chance to help the student find an appropriate field experience or practicum to match the certificate requirements.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Identify and implement evidence-based interventions, scientific process, domestic violence, safety planning
- Exercise professional values and ethics

Career Opportunities:

Prospective administrators, helping professionals and community activists gain practical knowledge, implement interventions backed by evidence, and develop the tools and networks to create change for survivors, families and communities.

Career examples include:

- clinician or therapist
- domestic violence or lay legal advocate
- domestic violence support group facilitator
- shelter case manager

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/gender-violence/domestic-violence-certificate/graduate
UCENT 810W
sswgradcerts@asu.edu
602-496-0800

Emergency Management (Certificate), Certificate (PPEMEGRCT)

Online Degree Search Title: Emergency Management (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:

The graduate certificate program in emergency management provides motivated students with the skills and knowledge to manage and assume positions of leadership in government, private, nonprofit and civic roles within the field of emergency management. An orientation on all-hazards and all-threats, together with an focus on community resilience and communication, provides students with a generalist perspective, which is critically important for the disaster managers of today and tomorrow.

The certificate program may be of interest to students in disciplines such as public policy, planning, political science, nonprofit management, social work, criminology and other related fields.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)
PAF 520 Public Management (3)
PAF 552 Integrated Emergency Management (3)
PAF 555 Information Technology in Emergency Management (3)

Electives (6 credit hours)

Additional Curriculum Information

For electives, students should see the academic unit for an approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The program is ideal for students from related fields, including political science, planning, urban and metropolitan studies, sociology as well as other social science degrees; however, applicants from all educational backgrounds may be accepted provided they meet the minimum requirements. Current ASU graduate students are eligible for the certificate as a supplement to their existing degree program. In addition, students not enrolled in a graduate program at ASU are also eligible to apply as nondegree students provided they meet the admission criteria stated above. However, MPA students in the emergency management concentration are not eligible for admission.

Students should see the program website for application deadlines.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/emergency-management-graduate-certificate/)

Career Opportunities:

Students completing this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations whose work interfaces with the public sector.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/gradcertificates
UCENT 400
spa@asu.edu
602-496-0450

Emergency Management and Homeland Security, MA (PPEMHSMA)

Online Degree Search Title: Emergency Management and Homeland Security, MA
Campus: Downtown Phoenix, Online

Program Description:

The MA program in emergency management and homeland security is designed to assist the professional development of current or future practitioners as the next generation of leaders in these fields.

The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

One of the unique features of this program is its breadth of content coverage. The program offers the following five distinct concentration areas: emergency management, homeland security, community resilience, biosecurity and threat management, and cybersecurity policy and management. These subject area specializations underscore the program's commitment to strategic thinking about current and future challenges. Likewise, the program has a number of learning opportunities from an international perspective.

When students enroll in this program, they are encouraged to choose one of these area specializations. Students can enroll in the degree program without declaring a concentration; however, selecting a concentration is advisable because doing so assists in developing knowledge, skills and abilities pertinent to an intended career path.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours including an applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)
CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 570 GIS for Hazards Analysis (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, environmental sciences or geography, public health or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate application and application fee
  • official transcripts
  • evidence of current employment in an organization in this field, or at least two years prior professional experience in this or a related field, or a bachelor's degree in a related area
  • two letters of recommendation
  • a written statement
  • proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-emergency-management-and-homeland-security/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:
Graduates with a Master of Arts in emergency management and homeland security have career opportunities illustrated in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

- cybersecurity specialist
- disaster recovery specialist
- emergency manager
- exerciser and trainer
- hazard mitigation officer
- homeland security specialist
- intelligence analyst
- planner
- public health emergency preparedness officer

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-ma
UCENT 520
idpadvising@asu.edu
602-496-0915

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMHSBTMA)

Online Degree Search Title: Emergency Management and Homeland Security (Biosecurity and Threat Management), MA
Campus: Downtown Phoenix, Online

Program Description:
Biosecurity and threat management is an important and emerging area related to the intersection of homeland security, public health and risk management. It addresses a unique set of hazard and threat management issues related to bioterrorism, agroterrorism and communicable disease threats associated with disaster incidents, as well as biodefense overall.

The biosecurity and threat management concentration within the MA program in emergency management and homeland security is designed to assist professional development aimed at meeting these types of current and emerging challenges. The program combines concepts in public health, risk management and homeland security. Some of the coursework in this concentration area is offered through the University of New South Wales (Australia) as part of the PLuS alliance program.

The emergency management and homeland security program's students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students; public

service; commitment to diversity; critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)
CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 570 GIS for Hazards Analysis (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)
CPP 581 Bioterrorism and Health Intelligence (3)
CPP 583 Health Aspects of Crises, Emergencies, Disasters (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose one of the applied project courses listed.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• a written statement
• evidence of current employment
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement must be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Applicants must provide evidence of current employment in an organization in this field; at least two years prior professional experience in this or a related field; or a bachelor's degree in a related area.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-biosecurity-and-threat-management/)

Global Opportunities:

PLuS Alliance:

The PLuS Alliance combines the strengths of three leading research universities on three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:

A biosecurity and threat management degree can help students pursue key leadership and management positions at a variety of public sector agencies at the federal, state and local level as well as in and related organizations. There are also private-sector job options, such as in the hospital sector, health care and security.

Career examples include:
- biosafety officer
- biosecurity monitor
- biosecurity officer
- biosecurity specialist
- bioterrorism researcher
- data scientist

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-biosecurity-and-threat-management-ma
UCENT 520
idpadvising@asu.edu
602-496-0915

Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)

Online Degree Search Title: Emergency Management and Homeland Security (Community Resilience), MA
Campus: Downtown Phoenix, Online

Program Description:

Community resilience refers to the efforts of government and nongovernment actors to develop policies and practices aimed at reducing short and long-term hazards risk in order to enhance safety, sustainability and overall community resilience capacity.

This concentration within the MA program in emergency management and homeland security is focused on understanding how community resilience is developed and promoted across government agencies (local, state and federal) as well as private and nonprofit sector organizations in which functional and operational responsibilities relate to planning, hazards mitigation, disaster recovery or sustainability. Further, it leverages international partners in Australia and the United Kingdom through the PLuS Alliance for additional course offerings.

Program students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)
CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 570 GIS for Hazards Analysis (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)
CPP 511 Hazard Mitigation Planning (3)
PAF 560 Community Resilience (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose one of the applied project courses listed.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • two letters of recommendation
 • a written statement,
 • evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
 • proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-community-resilience/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance combines the strengths of three leading research universities on three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:

The U.S. Bureau of Labor Statistics predicts faster than average job growth in the homeland security and emergency management fields over the next 10 years. Graduates with a master's degree in emergency management and homeland security with a concentration in community resilience are well suited for a variety of career opportunities, including:

- disaster recovery specialist
- emergency management
- environmental quality
- hazard mitigation specialist
- planning
- public health emergency preparedness

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-community-resilience-ma
UCENT 520
idpadvising@asu.edu
602-496-0915

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA (PPEHSCPMMA)

Online Degree Search Title: Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA
Campus: Downtown Phoenix, Online

Program Description:

Cybersecurity is an important threat and vulnerability issue that cuts across multiple domains.

The cybersecurity policy and management concentration within the MA program in emergency management and homeland security provides motivated students with knowledge, skills and abilities that will enable them to assume leadership, key management and other key operational positions with public sector agencies (or related private sector organizations) with responsibilities related to managing cybersecurity hazards in the area of homeland security, emergency management, critical infrastructure protection, risk management and other related fields.

This concentration is uniquely geared toward professionals in emergency management, homeland security, critical infrastructure protection, hazard mitigation, planning and emergency preparedness who do not seek nor require highly technical training in cybersecurity (beyond a basic competency level) but, instead, have major operational responsibilities that pertain to cyber-related vulnerabilities. This program is a unique contribution: It provides education and training on cyber policy and management issues for general administrators. Further, it leverages the PLuS Alliance for course offerings.

Students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

33 credit hours including an applied project (CPP 593).

Required Core (18 credit hours)
CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 570 GIS for Hazards Analysis (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)
CPP 575 U.S. Cyber and Information Security Policy (3)
CPP 576 Information Assurance Principles (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3)

Additional Curriculum Information
Students take up to three courses as part of the PLuS Alliance program with the University of New South Wales.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • two letters of recommendation
 • professional resume
 • written statement
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should show current employment in an organization in this field or at least two years prior professional experience in emergency management or a related field, or a bachelor's degree in a related area.

The written statement must be at least one page in length and must describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/cybersecurity-policy-and-management-ma/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance combines the strengths of three leading research universities on three continents: Arizona State University, King's College London and UNSW Sydney, to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-

programmes)

Career Opportunities:

Graduates with a Master of Arts in emergency management and homeland security with the cybersecurity policy and management concentration have a wide range of career opportunities, and management of cyber-related hazards cuts across a broad set of professional areas. The following list illustrates the types of career. Advanced degrees or certifications may be required for academic or clinical positions.

Career examples include:

- crisis manager - corporate operations
- emergency management director
- emergency preparedness coordinator or specialist
- information security analyst
- logistics coordinator or manager
- security manager - corporate operations
- security operations center manager

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-cybersecurity-policy-and-management-ma
UCENT 520
idpadvising@asu.edu
602-496-0915

Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)

Online Degree Search Title: Emergency Management and Homeland Security (Emergency Management), MA
Campus: Downtown Phoenix, Online

Program Description:

The emergency management concentration within the MA program in emergency management and homeland security is designed for individuals who intend to assume greater management responsibility in helping communities reduce vulnerability to hazards and cope with disasters in both private and public settings.

Students gain an essential understanding of the entire vision, mission and principles of emergency management with an emphasis on policy analysis and program evaluation, leadership, management, use of technology interagency and cross-sector collaboration. Core concepts and analytic approaches to disaster risk reduction and the promotion of community resilience capacity are addressed in concentration courses.

Program students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; critical thinking and evidence-based assessment are all central to promoting informed and effective leadership. Further, it leverages international partners in Australia and the United Kingdom through the PLuS Alliance for additional course offerings.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)
CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)
CPP 512 Exercises and Planning for Emergency Management and Homeland Security (3)
PAF 555 Information Technology in Emergency Management (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
For the culminating experience, students choose one of the applied project courses listed.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • written statement
  • evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
  • proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-emergency-management/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance combines the strengths of three leading research universities on three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:
Graduates with a Master of Arts in emergency management and homeland security have career opportunities illustrated in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Career options include:

- continuity of operations planner
- disaster recovery specialist
- emergency manager
- hazard mitigation officer
- logistics specialist
- training and exercises

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-emergency-management-ma
UCENT 520
idpadvising@asu.edu
602-496-0915

Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSHSMA)

Online Degree Search Title: Emergency Management and Homeland Security (Homeland Security), MA
Campus: Downtown Phoenix, Online

Program Description:
The homeland security concentration within the MA program in emergency management and homeland security is focused on homeland security as a field, applicable to all levels of government (federal, state and local) and to positions in private sector organizations with functional and operational skills related to organizational security.

Students gain an essential understanding of the public policy and practice on homeland security and homeland defense issues, with an emphasis on policy analysis and program evaluation, leadership, management, use of technology interagency and cross-sector collaboration. Further, it leverages international partners in Australia and the United Kingdom through the PLuS Alliance for additional course offerings.

Students in the program serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)
CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 570 GIS for Hazards Analysis (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)
CPP 514 Interagency and Intersector Coordination for Emergencies and Disasters (3)
CRJ 553 Terrorism and Weapons of Mass Destruction (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose one of the applied project courses listed.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • written statement
  • evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field or a bachelor's degree in a related area
  • proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-homeland-security/)

Global Opportunities:
PLuS Alliance:
The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes (https://www.plusalliance.org/global-learning-network-programmes)

Career Opportunities:
The U.S. Bureau of Labor Statistics predicts faster than average job growth in the homeland security and emergency management fields over the next 10 years. Graduates with a master's in degree in emergency management and homeland security are well suited for positions in both the public and private sectors.

Career examples include:

  • cybersecurity specialist
  • homeland security specialist
  • intelligence analysis
  • logistics specialist
  • planner
  • policy analyst

Contact Information:
Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut
https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-homeland-security-ma
UCENT 520
idpadvising@asu.edu
602-496-0915

Homeland Security (certificate), Certificate (PPHLSGRCT)

Online Degree Search Title: Homeland Security (Graduate Certificate)
Campus: Online

Program Description:
The graduate certificate program in homeland security is focused on homeland security as a field related to organizational security.

Students can study topics related to current international and domestic terrorism issues, global security, intelligence analysis, cybersecurity issues, crime prevention and law enforcement.

Degree Requirements:
18 credit hours.

Required Core (12 credit hours)
CRJ 553 Terrorism and Weapons of Mass Destruction (3)
CRJ 554 Homeland Security (3)
CRJ 557 Seminar in Domestic Terrorism (3)
CRJ 558 Seminar in International Terrorism (3)

Electives or Research (6 credit hours)

Additional Curriculum Information
Students should see the academic unit for available elective and research coursework.

Students may choose to participate in a study abroad experience in counterterrorism in Israel during the summer term that may be used to fulfill elective coursework. Students who choose this option enroll in CRJ 555 Police and International Terrorism and CRJ 556 Etiology of Martyrdom.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology, criminal justice, homeland security, counter-terrorism or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • letter of intent
 • professional resume
 • two letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of intent, resume and letters of recommendation are not needed if the applicant is already matriculated in an ASU master's degree program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/homeland-security-grad-cert/)

Career Opportunities:

Graduates of the homeland security graduate certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies (federal, state and local) including the Cybersecurity and Infrastructure Security Agency, U.S. Customs and Border Protection, the U.S. Secret Service, and local law enforcement agencies.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
IDPAdvising@asu.edu
602-496-0485

Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)

Online Degree Search Title: Latino Cultural Competency in Social Work (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The goal of the graduate certificate in Latino cultural competency in social work is to enhance a social work professional's capacity for engaging in culturally grounded practice with Latino clients and their families.

The program provides social work students the opportunity to learn the critical, cross-cultural factors that influence a worker's competency in forming professional helping relationships with Latinos; understand the social and cultural context and theoretical principles of social work practice with Latinos; and learn the social service delivery issues involved in providing services for bilingual and limited- or non-English speaking Latino populations.

The School of Social Work offers Latino-oriented courses with an emphasis on Spanish language development for professional social workers.

Degree Requirements:
15 credit hours.

The following is required for students enrolled in the Master of Social Work program:
• completion of 480 hours of field practicum with Latino clients and communities (60% of case load to be Spanish-speaking)
• field practice consisting of six credit hours of field practicum
• six credit hours of Latino-oriented coursework
• SWG 533 Diversity and Oppression in a Social Work Context (3)

At least three credit hours are required to be taken from within the School of Social Work.

Requirements for those already working in the field of social work as a community professional social worker and community worker are as follows:
• six credit hours of independent study field practice consisting of the completion of 480 hours with Latino clients and communities (60% of client caseload to be Spanish-speaking)
• six credit hours of Latino-oriented coursework
• SWG 533 Diversity and Oppression in a Social Work Context (3)

Additional Curriculum Information
At least three credit hours of the Latino-oriented coursework are required to be taken from within the School of Social Work.

Students already working in the field of social work may petition to use their place of employment for the six credit hours of independent study field practice.

Students with a Master of Social Work or BSW degree who have completed SWG 533 in the past five years may substitute another Latino-oriented course.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- the School of Social Work Latino cultural competency application form and the required $50 application fee
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Social work graduate students must have graduate status in the Watts College of Public Service and Community Solutions' School of Social Work and must demonstrate proficiency in the Spanish language.

Community professional social workers must possess a Master of Social Work, Bachelor of Social Work or related master's degree and must demonstrate proficiency in the Spanish language.

Community workers must have the equivalency of a two-year work experience in the social service field, an undergraduate degree and demonstrate proficiency in the Spanish language.

Career Opportunities:
The Latino cultural competency in social work certificate is intended for graduate social work students and current professional social workers who want to expand their employment potential by adding an expertise in professional services with Latino populations. Graduates can:

- demonstrate the ability to communicate with the growing monolingual Spanish speaking population
- demonstrate an understanding of issues affecting Latino populations
- increase their cultural competency as social workers regarding Latino populations

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
sswgradcerts@asu.edu
602-496-0800

Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)
Online Degree Search Title: Law Enforcement Administration (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:
The graduate certificate program in law enforcement administration prepares law enforcement professionals for career advancement.

The curriculum provides a comprehensive analysis of criminal justice organizations, policing, and program analysis and includes cross-disciplinary topics such as public administration. The program is designed to give students a solid foundational understanding of law enforcement agency administration, leadership and policy analysis.

Degree Requirements:
15 credit hours.

Required Courses (9 credit hours)
CRJ 512 Seminar in Policing (3)
CRJ 527 Police Accountability (3)
PAF 520 Public Management (3)

Restricted Electives (6 credit hours)

Culminating Experience: none required

Additional Curriculum Information
Students should see the academic unit for the approved restricted elective course list. Restricted electives may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants who are nondegree-seeking students (not admitted to a graduate degree program at ASU) are required to submit:
  • graduate admission application and application fee
  • official transcripts of undergraduate and, if applicable, graduate coursework
  • a written statement of career and educational goals
  • two letters of recommendation
  • current resume
  • proof of English proficiency

Applicants who are graduate degree-seeking students (admitted to an ASU graduate program) are required to submit:
  • graduate admission application
  • a written statement of career and educational goals

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students from related fields such as public policy, political science, psychology, sociology, as well as other social science degrees, might be interested in this program; however, all eligible students are considered. Although most students would likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school accepts applicants with undergraduate degrees from all educational backgrounds.

Admission examinations are not required for admission to the certificate program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-law-enforcement-administration/)

Career Opportunities:
Graduates of the law enforcement administration graduate certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies at federal, state and local levels, including city police departments, county sheriff's offices, state bureaus of investigation and federal law enforcement agencies.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 600
IDPAdvising@asu.edu
602-496-0485

Nonprofit Leadership and Management, MNLM (PPNPSMNS)
Online Degree Search Title: Nonprofit Leadership and Management, MNLM
Campus: Downtown Phoenix, Online

Program Description:
Offered through the School of Community Resources and Development, the MNLM program is intended for mid-level professionals who work or

desire to work in the nonprofit sector at senior leadership and management levels. The program provides an opportunity to obtain an advanced degree that addresses the unique character of nonprofit organizations and the social sector.

Students explore both theory and the practice of leadership and management in the nonprofit sector. The degree allows graduates enhanced recognition and credentials similar to those who have graduate degrees in administration or management.

Degree Requirements:
33 credit hours including the required capstone course (NLM 620).

Required Core (18 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 530 Program Evaluation and Information Management (3)
NLM 540 Strategic Human Resources Management (3) or NLM 545 Volunteer Resource Management (3)
NLM 550 Philanthropy (3)
NLM 620 Capstone: Integrative Seminar (3)

Electives (15 credit hours)

Additional Curriculum Information
Students are required to take 18 credit hours of core coursework, of which three credit hours are a capstone course that is completed at the end of the program of study. The capstone course is integrative and case-based, allowing students to synthesize material from prior coursework. Successful completion of this course is required in place of a thesis or applied project.

Students complete 15 credit hours of related elective coursework. Students may petition for one three credit hour course not listed as an approved elective in their program of study as long as students can establish an intellectual and professional development objective that substantiates the course selection. The petition should be submitted prior to enrollment in an elective.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • curriculum vitae or resume
  • statement of educational and career goals
  • three reference letters
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

The statement of educational and career goals should be written in sufficient detail to indicate compatibility with the educational objectives and capabilities of the school.

Reference letters should be from a combination of academic and professional references. References from friends and family members are not accepted.

Students currently pursuing the nonprofit leadership and management certificate who are interested in applying for the master's program must apply to the degree program before the completion of nine credit hours in their certificate program.

Applicants without nonprofit work experience will be required to take NLM 430 or NLM 310 for three credit hours as deficiency coursework.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-certification-master-nonprofit-leadership-and-management/)

Career Opportunities:
This degree builds expertise in nonprofit leadership and management. Career opportunities include:

- chief administrative officers
- chief executive officers
- chief financial officers
- foundation officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
IDPAdvising@asu.edu
602-496-1019

Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)

Online Degree Search Title: Nonprofit Leadership and Management (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:
The graduate certificate program in nonprofit leadership and management provides students with an understanding of the nonprofit sector's role in society and with knowledge applicable to those who wish to lead and manage nonprofit organizations.

Students with diverse academic backgrounds are exposed to content needed by leaders in the nonprofit sector, including understanding of the historical and philosophical context for nonprofit organizations in society; the theory and practice of philanthropy; financial management practices; and other topical content areas.

The certificate is ideal when combined with graduate degrees in other areas and when used to provide a core concentration in nonprofit leadership and management.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 540 Strategic Human Resources Management (3) or NLM 545 Volunteer Resource Management (3)

Electives (6 credit hours)

Additional Curriculum Information
Students select either NLM 540 or NLM 545 as part of the required core coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

The program is available to students who are pursuing their graduate degree in a chosen field of study and who have expressed interest in pursuing careers in the nonprofit sector. In addition, the program is well-suited for working professionals who may be pursuing a graduate degree but who wish to strengthen their skills and connections in the nonprofit community and who have one to three years of nonprofit professional experience.

Applicants should see the Watts College of Public Service and Community Solutions website for more information.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/PPNONPROCE/Gedt.pdf (https://catalog.asu.edu/files/disclosures/PPNONPROCE/Gedt.pdf).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:
This certificate program builds expertise in nonprofit leadership and management. Career opportunities include:

• administrative officers
• community services officers
• executive officers
• financial officers
• foundation officers

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 500
IDPAdvising@asu.edu
602-496-1019

Participatory Governance (certificate), Certificate (PPPGOGRCT)

Online Degree Search Title: Participatory Governance (Graduate Certificate)
Campus: Downtown Phoenix, Tempe

Program Description:
This transdisciplinary certificate program combines academic rigor with practical skills. Students examine the main theories and research findings on participatory governance and public engagement and familiarize themselves with past and current democratic innovations in the U.S. and around the world. Students also develop the capacity to design, carry out and examine processes of participatory governance and public engagement.

Students may pursue the program as a specialization within an existing ASU graduate program or as a stand-alone program.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
PAF 531 Community Conflict Resolution (3)
PAF 565 Theories and Practices of Democracy (3)
PAF 566 Participatory Governance and Civic Engagement (3)

Electives (6 credit hours)

Additional Curriculum Information
Electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the

electives to ensure that they focus on a common theme and to see that the student's experiences in the courses align with the learning goals outlined for the certificate.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students from related fields such as political science, planning, urban and metropolitan studies, sociology, as well as other social science degrees might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines.

Career Opportunities:
Students receiving this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst whose work in a local, state or federal agency, nonprofit organization, or private organization interfaces with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/gradcertificates
UCENT 400
spa@asu.edu
602-496-0450

Policy Advocacy, MA (PPPLADVMA)
Online Degree Search Title: Policy Advocacy, MA
Campus: Online

ASU is not currently accepting applications for this program.

Program Description:
Expertise and knowledge are required to navigate increasingly complex legal, communication, political and policy landscapes and to effectively create societal change. This has prompted various groups to use professionals to champion concerns and influence opinions, laws and policies that are local and international.

This MA in policy advocacy is an applied degree program oriented to those interested in acquiring the necessary skills to become effective agents of policy change, and it directly addresses elements of the ASU charter by creating opportunities to increase the professionalism of individuals who can represent these concerns at all levels

Ethical, skilled policy advocacy professionals are in demand to represent all sections of society including nonprofit, private and public sectors.

Degree Requirements:
30 credit hours including the applied project course (CPP 593).

Required Core (6 credit hours)
PAF 505 Public Policy Analysis (3)
SWG 687 Public Policy and Advocacy (3)

Policy Restricted Electives (12 credit hours)

Advocacy, Communication and Change Restricted Electives (9 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3)

Additional Curriculum Information
For restricted electives, students should see the academic unit for the current list of courses that may fulfill this requirement. Other courses may be substituted with approval from the program chair.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • two letters of recommendation
 • written statement
 • professional resume
 • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/policy-advocacy-ma/)

Career Opportunities:
Typical career paths for graduates of this program include a variety of policy advocacy roles in the public, private and governmental sectors.

Career opportunities include:

 • communication directors and legislative assistants
 • legislative analysts
 • lobbyists
 • governmental and intergovernmental relations officers
 • policy analysts

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/interdisciplinary/home

UCENT 520
idpadvising@asu.edu
602-496-1019

Policy Informatics (Certificate), Certificate (PPPOIGRCT)

Online Degree Search Title: Policy Informatics (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
The policy informatics certificate program provides knowledge and skills to students seeking careers in which they can use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions. Emphasis is placed on theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics and persuasive technologies.

Degree Requirements:
15 credit hours.

Five courses are required for the certificate. Students should review the certificate requirements and required courses on the School of Public Affairs' website. Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- a statement of career and educational goals
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All materials are submitted online through the graduate admission application.

Students should see the program website for application deadlines.

Career Opportunities:
Graduates are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in a local, state or federal agency, nonprofit organization, or private organization that interfaces with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/gradcertificates
UCENT 400
spa@asu.edu
602-496-0450

Program Evaluation (Certificate), Certificate (PPPGEVGRCT)

Online Degree Search Title: Program Evaluation (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:
Professionals in the government, nonprofit and private sectors are increasingly required to demonstrate effectiveness of programs and activities. This graduate certificate in program evaluation provides students with a solid grounding in the applied and conceptual tools of conducting evaluation research and program evaluations as well as the skills to implement evaluations.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
CPP 525 Foundations of Program Evaluation III: Advanced Regression Tools (3)
CPP 526 Foundations of Data Science I: Introduction to Data Programming in R (3)
SWG 623 Program Evaluation (3)

Restricted Electives (6 credit hours)
CPP 523 Foundations of Program Evaluation I: Multiple Regression (3)
CPP 524 Foundations of Program Evaluation II: Research Design (3)

Additional Curriculum Information
Restricted electives courses may be substituted with department approval.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology and criminal justice, social work, public service, nonprofit management, parks and recreation management, tourism management, business, education, family studies, public health, education, psychology or a related social and applied sciences field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Admission examinations are not required for this program.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/program-evaluation-graduate-certificate/)

Career Opportunities:
Program evaluation spans many fields and industries. These include educational institutions, nonprofit organizations, health care facilities, government programs and more. Once students deepen their program evaluation capacity, options for employment are diverse. Career titles with program evaluation as a central component of their role include:

• city government program manager
• compliance officer
• education curriculum or program specialist

- evaluation specialist in a public or nonprofit organization
- foundation officer
- government grant manager
- health care administrator
- monitoring and evaluation analyst
- nonprofit manager or executive director
- research analyst

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/program-evaluation-graduate-certificate-5
UCENT 520
idpadvising@asu.edu
602-496-1019

Program Evaluation and Data Analytics, MS (PPPGEMS)

Online Degree Search Title: Program Evaluation and Data Analytics, MS
Campus: Downtown Phoenix, Online

Program Description:
The MS in program evaluation and data analytics is a professional degree program that emphasizes skills needed to leverage data to improve organizational performance in the public, nonprofit and private sectors. It combines courses in program evaluation with data science classes that empower students to utilize a diverse array of tools to generate insights on social impact and leverage data in organizations.

Students receive training in data programming, visualization, dashboard design, open data, project management and impact analysis. Through this, students build the technical skills necessary to implement evidence-based approaches to policy and management.

Unlike other data scientist degrees, this program is built using public sector and nonprofit examples. Students do not need a background in computer programming before starting the degree. Through a project-based curriculum and individualized attention, students develop expertise in performance and evaluation frameworks.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593).

Required Core (21 credit hours)
CPP 523 Foundations of Program Evaluation I: Multiple Regression (3)
CPP 524 Foundations of Program Evaluation II: Research Design (3)
CPP 525 Foundations of Program Evaluation III: Advanced Regression Tools (3)
CPP 526 Foundations of Data Science I: Introduction to Data Programming in R (3)
CPP 527 Foundations of Data Science II: Data Wrangling (3)
CPP 528 Foundations of Data Science III: Project Management (3)
CPP 529 Community Analytics (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in criminology and criminal justice, social work, public service, nonprofit management, parks and recreation management, tourism management, business, education, family studies, public health, psychology, or a related social and applied sciences field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee

- official transcripts
- personal statement
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/program-evaluation-and-data-analytics-ms/)

Career Opportunities:

Program evaluation spans many fields and industries. These include educational institutions, nonprofit organizations, health care facilities, government programs and more. Options for employment are diverse for graduates who have a deepened capacity for program evaluation. Career titles with program evaluation as a central component of their role include:

- chief data officer
- city government program manager
- compliance officer
- director of evaluation or evaluation specialist
- education curriculum or program specialist
- government grant manager
- health care administrator
- monitoring and evaluation analyst
- nonprofit manager or executive director
- policy or research analyst

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPPGEMS/graduate/false/2
UCENT 520
idpadvising@asu.edu
602-496-1019

Public Administration, EMPA (PPPUAEMPA)

Online Degree Search Title: Public Administration - Executive, EMPA
Campus: Online

Program Description:

The EMPA is designed for public sector leaders throughout the world who already have achieved considerable professional success prior to being admitted into the program.

The Executive Master of Public Administration is a 19-month, online graduate degree program which also features three-day face-to-face executive sessions in both Phoenix and Washington, D.C. Students participate in the program as part of a learning cohort, and the one-course-at-a-time online structure enables them to maintain a work and life balance as they immerse in each topic.

The learning experience begins with an orientation and executive session in Phoenix. Approximately one year later, the class reconvenes in Washington, D.C., for a second executive session. The executive master's degree program ends in Phoenix, where students present their applied projects.

The ASU Executive Master of Public Administration program enables students to expand the breadth and depth of their professional network. The online curriculum attracts a more geographically diverse pool of applicants from around the world. The executive sessions in Phoenix and Washington, D.C., further enable students to develop deeper relationships with their classmates.

Executive Master of Public Administration students are selected based on their ability to demonstrate the value they would add to the learning experience of the entire class, and a new cohort begins each year.

Degree Requirements:

30 credit hours including the required applied project course (PAF 593).

Required Core (27 credit hours)
PAF 504 Microeconomics of Public Policy I (3) or TGM 581 Negotiating in a Global Context (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics, and Leading Public Change (3)
PAF 582 E-Public Administration (3)
PAF 585 Strategic Planning for Public Sector Leaders (3)
PAF 586 Data Analytics for the Public Good (3)
PAF 587 Federal Budgeting and Tax Policy (3)
PAF 588 Global Public Policy (3)
PAF 589 Leadership in Public Organizations (3)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Exceptions to the GPA requirements may be considered based on the professional achievements demonstrated by the applicant as determined by applicant's resume and other application materials. In addition to the GPA requirement, applicants are expected to have five to seven years of progressive leadership experience.

The personal statement must be 300 words or fewer and should include what experiences and qualities the student will bring to the program. The student must also discuss their career objectives and how they plan to leverage the degree to help achieve those objectives. In addition, applicants also may provide any supplementary information that would strengthen the personal statement.

Career Opportunities:
Students in the Executive Master of Public Administration program are seeking to further advance or switch to careers in local, state, tribal and federal governments or nonprofit and private organizations that regularly interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://ramseyexecutive.asu.edu/content/executive-mpa
AZCT Ste 700
ramseyexecutive@asu.edu
602-496-1300

Public Administration, MPA (PPPADTMPA)

Online Degree Search Title: Public Administration, MPA
Campus: Downtown Phoenix, ASU@Hainan

Program Description:

The MPA is a professional degree program designed to prepare students for public service at all levels of government as well as the nonprofit and private sectors.

The program consists of a core curriculum emphasizing managerial and analytic skills needed in a large range of careers that serve the public good. Students may also elect to specialize in one of four approved concentrations:

- urban management
- nonprofit administration
- emergency management
- public finance

This program can be completed full time or part time.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
American Indian Studies (Tribal Leadership and Governance), MS
Criminology and Criminal Justice, MS
Social Work - Standard Program, MSW
Sustainability Solutions, MSUS
Urban and Environmental Planning, MUEP

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Construction Management and Technology, BS
Political Science, BS
Political Science, BA
Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Business), BS
Public Service and Public Policy (Criminology), BS
Public Service and Public Policy (Emergency Management and Homeland Security), BS
Public Service and Public Policy (Health Policy), BS
Public Service and Public Policy (Law and Policy), BS
Public Service and Public Policy (Nonprofit Leadership and Management), BS
Public Service and Public Policy (Parks and Recreation Management), BS
Public Service and Public Policy (Science and Technology Policy), BS
Public Service and Public Policy (Social Services Delivery), BS
Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (24 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Electives or Research (15 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives. Approved elective credit hours may include courses offered by the school or other academic units in the university.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science degrees, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are available on the Admission Services at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The letters of recommendation should be from faculty members or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Fees increase after the deadline.

Students should contact the School of Public Affairs at 602-496-0450 or email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Career Opportunities:
Graduate are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/mpa
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Certificate), Certificate (PPPUAGRCT)
Online Degree Search Title: Public Administration (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
Through comprehensive coverage of topics in public administration, management and policy, students in the graduate certificate program in public administration discover the challenges of management, learn how to lead a public organization and understand the process of policy development. The program is designed to give students a solid foundational understanding of administration, leadership and policy analysis in service to the

public good.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
PAF 503 Public Affairs (3)
PAF 505 Public Policy Analysis (3)

Electives (9 credit hours)

Additional Curriculum Information
Electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure they focus on a common theme and to see that the student's experiences in the courses align with the learning goals outlined for the certificate. For the electives, the student must select any three 3 credit PAF courses at the 500 level. Students should note that PAF 504 is a prerequisite for PAF 505.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students from related fields such as public policy, political science, planning, urban and metropolitan studies, sociology, as well as other social science degrees might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines and admission terms.

Career Opportunities:
Graduates are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/gradcertificates
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Emergency Management), MPA (PPPAFEMPA)

Online Degree Search Title: Public Administration (Emergency Management), MPA
Campus: Downtown Phoenix, ASU@Hainan

Program Description:
The MPA is a professional degree program designed to prepare students for public service at all levels of government as well as the nonprofit and private sectors.

The program consists of a core curriculum emphasizing managerial and analytic skills needed in a large range of careers that serve the public good. Through a focused set of electives, the concentration in emergency management provides students with the skills and knowledge to manage and assume positions of leadership in government, private, nonprofit and civic roles, within the field of emergency management. An all-hazards and all-threats orientation, together with an focus on community resilience and communication, provides the student with a generalist perspective, which is critically important for the disaster managers of today and tomorrow.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Business), BS
Public Service and Public Policy (Criminology), BS
Public Service and Public Policy (Emergency Management and Homeland Security), BS
Public Service and Public Policy (Health Policy), BS
Public Service and Public Policy (Law and Policy), BS
Public Service and Public Policy (Nonprofit Leadership and Management), BS
Public Service and Public Policy (Parks and Recreation Management), BS
Public Service and Public Policy (Science and Technology Policy), BS
Public Service and Public Policy (Social Services Delivery), BS
Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (24 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Required Concentration (9 credit hours)
PAF 520 Public Management (3)
PAF 552 Integrated Emergency Management (3)
PAF 555 Information Technology in Emergency Management (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include political science, criminology, planning, business, urban and metropolitan studies, and other social science fields. Although most students for the graduate concentration would likely come from the aforementioned degree fields, the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- two letters of recommendation (both of which should be academic recommendations)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The following entry-level competencies are needed for admission the program: Students should have an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Students may also satisfy the American national government competency by taking the College-Level Examination Program in American Government and receiving a passing score.

Students should see the program website for application deadlines.

Career Opportunities:
Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/mpa
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Nonprofit Administration), MPA (PPNONPRMPA)

Online Degree Search Title: Public Administration (Nonprofit Administration), MPA
Campus: Downtown Phoenix

Program Description:
The MPA is a professional degree program designed to prepare students for public service at all levels of government as well as the nonprofit and private sectors. The program consists of a core curriculum emphasizing managerial and analytic skills needed to work in a large range of careers that serve the public good.

The nonprofit administration concentration builds on the core program though the application of administrative and leadership principles to train students as professionals who choose careers in the nonprofit sector. Students focus on the managerial aspects of running nonprofit organizations that solve specific challenges in communities around the world, and that provide needed services not available through traditional markets or government providers. Students gain important skills to succeed including financial management, volunteer management, fundraising, strategic planning and how to work with boards of directors.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Business), BS
Public Service and Public Policy (Criminology), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy (Law and Policy), BS

Public Service and Public Policy (Parks and Recreation Management), BS

Public Service and Public Policy (Science and Technology Policy), BS

Public Service and Public Policy (Social Services Delivery), BS

Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (21 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 508 Organization Behavior (3)

Concentration (12 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 540 Strategic Human Resources Management (3)
other approved course (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives as well as the list of courses that may fulfill the concentration requirement. Approved elective credit hours may include courses offered by the school or other academic units in the university.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science disciplines, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are available at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used

as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Fees increase after the deadline.

Applicants should contact the School of Public Affairs at 602/496-0450 or email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Career Opportunities:
Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst whose work in a local, state or federal agency, nonprofit organization or private organization interfaces with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/mpa
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Public Finance), MPA (PPPAFPMPA)

Online Degree Search Title: Public Administration (Public Finance), MPA
Campus: Downtown Phoenix

Program Description:
The MPA is a professional degree program designed to prepare students for public service at all levels of government as well as in the nonprofit and private sectors.

The program consists of a core curriculum emphasizing managerial and analytic skills needed in a large range of careers that serve the public good. Through a focused set of electives, the concentration in public finance provides knowledge and skills for students seeking careers or career advancement in areas in which financial management plays an integral role in governance. The concentration deepens knowledge in urban economics, managing money in the public sector, public budgeting, and capital budgeting and financing.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Business), BS
Public Service and Public Policy (Criminology), BS
Public Service and Public Policy (Emergency Management and Homeland Security), BS
Public Service and Public Policy (Health Policy), BS
Public Service and Public Policy (Law and Policy), BS
Public Service and Public Policy (Nonprofit Leadership and Management), BS
Public Service and Public Policy (Parks and Recreation Management), BS
Public Service and Public Policy (Science and Technology Policy), BS
Public Service and Public Policy (Social Services Delivery), BS
Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (24 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)

PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)
PAF 521 Managing Public Money (3)
PAF 522 Advanced Governmental Financial Management: Capital Budgeting and Infrastructure Financing (3)
PAF 570 Microeconomics of Public Policy II (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
To meet the electives or research requirement, students choose one course from NLM 520, PAF 590 and PAF 584 for three credit hours. Students also choose any PAF 500-level course for three credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science degrees, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Students enrolling in Master of Public Administration core courses must demonstrate minimum competency in statistics and American government. Courses taken to fulfill the competency do not count toward the total credit hours required for the degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Competency in statistics is met with a grade of "B" (scale is 4.00 = "A") or higher in one of the approved courses (PAF 301 or PAF 401, POS 401, PSY 230, ECN 221, QBA 221, SWU 321, STP 226 or SOC 390) within the past two years or passing a diagnostic test approved by the MPA committee. Other courses taken within the last two years may be substituted upon approval of the Master of Public Administration director.

Competency in American government is a demonstrated understanding of American government institutions and processes. Students may be required to take an undergraduate class in American government (PAF 300, PAF 340, POS 110 or POS 310) with a grade of "B" or higher. The College-Level Examination Program can also be used to demonstrate competency in American government.

Career Opportunities:
Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/mpa
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Urban Management), MPA (PPPAFUMPA)

Online Degree Search Title: Public Administration (Urban Management), MPA
Campus: Downtown Phoenix

Program Description:
The MPA is a professional degree program designed to prepare students for public service at all levels of government as well as the nonprofit and private sectors. The program consists of a core curriculum emphasizing managerial and analytic skills needed to work in a large range of careers that serve the public good.

The urban management concentration prepares students to be leaders in local government, where most services and programs to residents are managed. Through a focused set of electives and interactions with experienced city managers, students gain knowledge and develop the skills required to contribute to the operations of local government and help communities better serve the people who live there.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Public Service and Public Policy, BS
    Public Service and Public Policy (American Indian Studies), BS
    Public Service and Public Policy (Business), BS
    Public Service and Public Policy (Criminology), BS
    Public Service and Public Policy (Health Policy), BS
    Public Service and Public Policy (Law and Policy), BS
    Public Service and Public Policy (Nonprofit Leadership and Management), BS
    Public Service and Public Policy (Parks and Recreation Management), BS
    Public Service and Public Policy (Science and Technology Policy), BS
    Public Service and Public Policy (Social Services Delivery), BS
    Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (24 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (12 credit hours)
PAF 523 The City and County Manager (3)
PAF 525 Public Entrepreneurship (3)
PAF 530 Management of Urban Government (3)
PAF 534 Urban Services Infrastructure (3)

Elective (3 credit hours)

Culminating Experience (3 credit hours)

PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Related fields include political science, planning, business, urban and metropolitan studies, as well as other social science disciplines, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional requirements for international students are located at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Students should contact the School of Public Affairs at 602-496-0450 or email spa@asu.edu (mailto:spa@asu.edu) with any questions about the application process.

Career Opportunities:
Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/mpa
UCENT 400
spa@asu.edu
602-496-0450

Public Administration and Policy, PHD (PPPUBADPHD)

Online Degree Search Title: Public Administration and Policy, PhD
Campus: Downtown Phoenix

Program Description:
The PhD in public administration and policy is a theoretically grounded research degree program designed to prepare students for a research-based career. This is a four-year, full-time degree program.

This program is designed to develop well-rounded, independent scholars who are grounded in the classic and current literatures of public administration and public policy, skilled in research methods, and ready to contribution to the field through research and teaching. As a result, graduates are poised for success as productive and active scholars, researchers and teachers.

Degree Requirements:
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)
PAF 601 Advanced Public Policy Seminar (3)
PAF 602 Advanced Research Design for Public Policy and Management (3)
PAF 603 Advanced Economics for Public Administration and Public Policy (3)
PAF 604 Intellectual Foundations of Public Administration (3)
PAF 605 Organization Theory and Behavior Seminar (3)
PAF 609 Advanced Quantitative Methods Seminar (3)
PAF 610 Advanced Qualitative Methods for Public Affairs Research (3)
PAF 620 Public Administration Professional Development Workshop (3)

Electives (12 credit hours)

Research (6 credit hours)
PAF 792 Research (6)

Culminating Experience (12 credit hours)
PAF 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution.

ASU's School of Public Affairs expects applicants for the doctorate to have demonstrated competency in the following subject areas at the time of application: organizational theory, public policy analysis, economics and quantitative analysis.

Applicants who have obtained a master's degree accredited by the Network of Schools of Public Policy, Affairs and Administration in public affairs, public administration or public policy are not required to complete prerequisites for admission to ASU's School of Public Affairs. In some cases, applicants from allied fields (i.e., political science, economics, sociology, business) are not required to complete prerequisites, depending upon the extent to which previous training aligns with the competencies described above.

As is the case with all applicants, the doctoral program director or advisors may require or recommend completion of courses when there is a perceived deficit, especially if the deficit relates to graduate-level quantitative analysis and economics (PAF 502 and PAF 504, respectively, or equivalent courses). However, these requirements or recommendations, if any, are not a barrier to admission.

In cases where the doctoral student applicant has graduated from a public affairs, public administration or public policy program from another nation, or from a program not accredited by NASPAA, the applicant may be admitted and required to meet prerequisites after a review by the doctoral committee and doctoral program director.

Students applying with master's degrees from programs not closely related to public affairs (e.g., engineering, modern languages, chemistry) are required to meet prerequisites equivalent to the courses required for either ASU's Master of Public Administration or Master of Public Policy. https://spa.asu.edu/content/graduate-programs (https://spa.asu.edu/content/graduate-programs)

Prior to enrolling in any of the school's core classes, all students are expected to be familiar with the foundational competency readings related to organizational theory, public policy analysis, economics and quantitative analysis.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts of all undergraduate and graduate coursework
 • completed checklist
 • written statement
 • current resume or curriculum vitae

- three letters of recommendation
- samples of research reports or papers
- GRE scores (verbal, quantitative, analytical)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must submit TOEFL scores to be considered for admission regardless of current residency; applicants should use institution code: 4007. This is true even for those who have a master's degree from a United States university. To be considered for admission to the doctoral program in public administration and policy, the minimum score on a traditional TOEFL test is 600, the minimum score for a TOEFL iBT is 100. Applicants with scores below the minimum are not considered. More on the English proficiency requirement is available at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The written statement of educational and career goals must include a discussion of research interests.

The letters of recommendation should be primarily from faculty members. All letters should address the candidate's capacity to successfully complete the doctoral program. They should assess the student's capacity for critical and analytic thought, their ability to communicate effectively, both orally and in writing, and their commitment to completion of the program.

Only GRE test scores from within the past five years are accepted, and analytical scores are considered in admission decisions.

Admission is competitive; a limited number of well-qualified applicants are admitted each year.

Career Opportunities:

Graduates of this degree program are prepared to conduct high-level research and policy development in academic careers, public and nonprofit agencies, foundations and research institutes. This may include opportunities as a college or university professor, research scientist, research associate or researcher for another organization.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/phd
UCENT 400
spa@asu.edu
602-496-0450

Public Administration and Policy (Urbanism), PHD (PPPAURBPHD)

Online Degree Search Title: Public Administration and Policy (Urbanism), PhD
Campus: Downtown Phoenix

Program Description:

The PhD in public administration and policy is a theoretically grounded research degree program designed to prepare students for an academic career. The program is also appropriate for individuals who want to conduct high-level research and policy development in public and nonprofit agencies, foundations and research institutes. It is designed for students who seek full-time study.

The goal is to develop well-rounded, independent scholars who are grounded in the classic and current literatures of public administration and public policy, skilled in research methods, and ready to make a positive and important contribution to the field through teaching and research.

The doctoral program in public administration and policy with an urbanism concentration permits students to draw upon the extensive resources in urban affairs at ASU. As a result, these students are poised for success as productive and active scholars, researchers and teachers upon graduation.

The concentration in urbanism is a mechanism for organizing varied perspectives on urbanism into a collective body of scholarship. The study of public administration is enriched by grounding it in a comprehensive understanding of the characteristics of urban context and the dynamic forces that shape them. The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)
PAF 601 Advanced Public Policy Seminar (3)
PAF 602 Advanced Research Design for Public Policy and Management (3)
PAF 603 Advanced Economics for Public Administration and Public Policy (3)
PAF 604 Intellectual Foundations of Public Administration (3)
PAF 605 Organization Theory and Behavior Seminar (3)
PAF 609 Advanced Quantitative Methods Seminar (3)
PAF 610 Advanced Qualitative Methods for Public Affairs Research (3)
PAF 620 Public Administration Professional Development Workshop (3)

Concentration (3 credit hours)
PAF 530 Management of Urban Government (3)
PAF 534 Urban Services Infrastructure (3)
PAF 560 Community Resilience (3)

Urbanism Electives (9 credit hours)

Research (6 credit hours)
PAF 792 Research (6)

Culminating Experience (12 credit hours)
PAF 799 Dissertation (12)

Additional Curriculum Information
Students may choose PAF 530, 534 or 560 for their concentration course requirement.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- completed checklist
- written statement
- current resume or curriculum vitae
- three letters of recommendation
- samples of research reports or papers
- scores on the GRE (verbal, quantitative, analytical)
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must submit TOEFL scores to be considered for admission regardless of current residency (the ASU institution code is 4007). This is true even for those who have a master's degree from a United States university. To be considered for admission to the doctoral program in public administration and policy, the applicant's minimum score on a traditional TOEFL test must be 600; the minimum score for a TOEFL iBT must be 100. Applicants with scores below the minimum are not considered. More on the English proficiency requirement is available at https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The written statement of educational and career goals must include a discussion of research interests.

The letters of recommendation should be primarily from faculty members. All letters should address the candidate's capacity to successfully complete the doctoral program. They should assess the student's capacity for critical and analytic thought, ability to communicate effectively both orally and in writing, and commitment to completion of the program.

Only GRE test scores from within the past five years are accepted, and analytical scores are considered in admission decisions.

All applicants are expected to have completed graduate level statistics and research methods classes before admission. Applicants also are expected to have sufficient formal coursework in public administration to pursue doctoral study in the field. Admitted students are required to take PAF 501, PAF 502, PAF 503, PAF 504, PAF 508 (or their equivalents) and statistics prior to beginning the doctoral core courses. Applicants who are not pursuing an MPA should not take these courses until they consult with the doctoral program director.

Applicants are admitted for fall only. Admission is competitive; a limited number of well qualified applicants are admitted each year. Students should see the program website for application deadlines.

Career Opportunities:
Students receiving this degree are prepared to pursue a research career in a field related to public administration or public policy. This may include opportunities as a college or university professor, research scientist, research associate or researcher for another organization.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/phd
UCENT 400
spa@asu.edu
602-496-0450

Public Policy, MPP (PPPUBPMPP)

Online Degree Search Title: Public Policy, MPP
Campus: Downtown Phoenix

Program Description:
The MPP program equips students with the analytical tools they need in order to understand and address public policy issues. Students also develop skills in managing the process of policy development, approval, implementation and evaluation, as well as gain policy-specific knowledge on issues such as poverty, education, the environment and public safety.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
> Criminology and Criminal Justice, MS
> Sustainability Solutions, MSUS
> Urban and Environmental Planning, MUEP

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

> Political Science, BA
> Political Science, BS
> Public Service and Public Policy, BS
> Public Service and Public Policy (Business), BS
> Public Service and Public Policy (Criminology), BS
> Public Service and Public Policy (Emergency Management and Homeland Security), BS
> Public Service and Public Policy (Health Policy), BS
> Public Service and Public Policy (Law and Policy), BS
> Public Service and Public Policy (Nonprofit Leadership and Management), BS
> Public Service and Public Policy (Parks and Recreation Management), BS
> Public Service and Public Policy (Science and Technology Policy), BS
> Public Service and Public Policy (Social Services Delivery), BS
> Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Policy Capstone (3)

Additional Curriculum Information
Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of all undergraduate and graduate coursework
  • two letters of recommendation
  • written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are available on the Admission Services website at https://admission.asu.edu/international/graduate-apply (https://admission.asu.edu/international/graduate-apply).

The letters of recommendation must be from faculty or other academic staff who can evaluate applicant's academic performance.

The one- to two-page written statement should state the applicant's educational and career goals; and it also is used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Fees increase after deadline.

Applicants should contact the School of Public Affairs at 602-496-0450 or email spa@asu.edu (mailto:spa@asu.edu) if there are questions about the application process.

Career Opportunities:
Graduates of this degree program are prepared for professional careers as policy analysts and leaders in public service involved in the creation and management of public policy at all levels of government and in the private and nonprofit sectors. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with public sectors.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/programs/mpp/public-policy-mpp
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Certificate), Certificate (PPPUPGRCT)

Online Degree Search Title: Public Policy (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
This certificate program in public policy is designed to give students analytical techniques and conceptual frameworks for understanding policy issues as well as for identifying potential solutions and applying these skills to real-world issues.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
PAF 505 Public Policy Analysis (3)
PAF 540 Adv Policy Analysis (3)
PAF 541 Program Evaluation (3)

Electives (6 credit hours)

Additional Curriculum Information
The electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure that they focus on a common theme and to see that the students' experiences in the courses align with the learning goals outlined for the certificate. For the electives, students select any two three-credit PAF courses that are 500-level. Students should note that PAF 504 is a prerequisite for PAF 505.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students from related fields (e.g., public administration, political science, planning, urban and metropolitan studies, sociology, and other social science fields) might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines and admission terms.

Career Opportunities:

Students receiving this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/gradcertificates
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Environmental Policy), MPP (PPPUPEPMPP)

Online Degree Search Title: Public Policy (Environmental Policy), MPP
Campus: Downtown Phoenix

Program Description:

The MPP program equips students with the analytical tools needed to understand and address public policy issues. Students also develop skills in managing the process of policy development, approval, implementation and evaluation.

Through a focused set of electives, the MPP concentration in environmental policy deepens student expertise in specific areas and issues, such as the greening of local governments and policy evaluation of public and private partnerships, and builds the knowledge base and skills to bring sustainability solutions to the government, corporate and nonprofit sectors. At the conclusion of the master's degree program, students are prepared to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Business), BS
Public Service and Public Policy (Criminology), BS
Public Service and Public Policy (Emergency Management and Homeland Security), BS
Public Service and Public Policy (Health Policy), BS
Public Service and Public Policy (Law and Policy), BS
Public Service and Public Policy (Nonprofit Leadership and Management), BS
Public Service and Public Policy (Parks and Recreation Management), BS
Public Service and Public Policy (Science and Technology Policy), BS
Public Service and Public Policy (Social Services Delivery), BS
Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
PAF/SOS 545 Creating Sustainable Organizations (3)
PAF 546 Environmental Policy and Management (3)

Restricted Electives (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but these must be completed within one semester after starting the program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Related fields include political science, sustainability, planning, business, urban and metropolitan studies and other social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • written statement
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are at https://admission.asu.edu/international/graduate-apply (https://admission.asu.edu/international/graduate-apply).

The letters of recommendation should be from faculty or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Fees increase after the deadline.

Career Opportunities:
Graduates have an understanding of policies that address issues such as poverty, education, the environment and public safety, and they are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst whose work in a local, state or federal agency, nonprofit organization, or private organization interfaces with the public sector.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/programs/mpp/public-policy-mpp

UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Policy Informatics), MPP (PPPUPPIMPP)

Online Degree Search Title: Public Policy (Policy Informatics), MPP
Campus: Downtown Phoenix

Program Description:
The MPP program equips students with the analytical tools they need to understand and address public policy issues. Students also develop skills in managing the process of policy development, approval, implementation, and evaluation as well as gain policy-specific knowledge on issues such as poverty, education, the environment and public safety.

Through a focused set of electives, the policy informatics concentration provides knowledge and skills to students seeking careers in which they can use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions as well as explore new governance infrastructures. Emphasis is placed on theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics and persuasive technologies.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Criminology), BS
Public Service and Public Policy (Emergency Management and Homeland Security), BS
Public Service and Public Policy (Health Policy), BS
Public Service and Public Policy (Law and Policy), BS
Public Service and Public Policy (Nonprofit Leadership and Management), BS
Public Service and Public Policy (Parks and Recreation Management), BS
Public Service and Public Policy (Science and Technology Policy), BS
Public Service and Public Policy (Social Services Delivery), BS
Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (9 credit hours)
PAF 591 Topic: Complexity in Public Policy and Management (3)
PAF 591 Topic: e-Public Administration (3)
PAF 591 Topic: Introduction to Policy Informatics (3)

Restricted Electives (3 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but they must be completed within one semester after starting the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related field, from a regionally accredited institution. Related fields include political science, planning, business, urban and metropolitan studies as well as other social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are at https://admission.asu.edu/international/graduate-apply (https://admission.asu.edu/international/graduate-apply).

The letters of recommendation should be from faculty or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Application fees increase after deadline; students should see https://admission.asu.edu/graduate/apply (https://admission.asu.edu/graduate/apply).

Students should contact the School of Public Affairs at 602/496-0450 or email spa@asu.edu (mailto:spa@asu.edu) with any questions about the application process.

Career Opportunities:

Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst in a local, state or federal agency, nonprofit organization, or private organization that interfaces with the public sector.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/programs/mpp/public-policy-mpp
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Science and Technology Policy), MPP (PPPUPSTMPP)

Online Degree Search Title: Public Policy (Science and Technology Policy), MPP
Campus: Downtown Phoenix, Tempe

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting.

The program trains people to lead by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety. At the conclusion of the master's degree program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and are prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The Master of Public Policy program with a concentration in science and technology policy provides knowledge and skills for students seeking or advancing careers in areas where science and technology are guided by public policy or where science and technology play an integral role in the policy process. This concentration emphasizes theories and research concerning the role of science in decision-making, complexity theory, institutional design of knowledge production organizations, national innovation systems, innovation and industrial policy, technology transfer and research evaluation.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS
Public Service and Public Policy (American Indian Studies), BS
Public Service and Public Policy (Business), BS
Public Service and Public Policy (Criminology), BS
Public Service and Public Policy (Emergency Management and Homeland Security), BS
Public Service and Public Policy (Health Policy), BS
Public Service and Public Policy (Law and Policy), BS
Public Service and Public Policy (Nonprofit Leadership and Management), BS
Public Service and Public Policy (Parks and Recreation Management), BS
Public Service and Public Policy (Science and Technology Policy), BS
Public Service and Public Policy (Social Services Delivery), BS
Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
HSD 501 Science and Technology Policy (3)
PAF 591 Topic: Innovation Policy and Management (3)

Restricted Electives (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are at https://admission.asu.edu/international/graduate-apply (https://admission.asu.edu/international/graduate-apply).

Applicants may also submit a resume or other documents.

The letters of recommendation should be from faculty or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages and describe the applicant's educational and career goals. The written statement is also used as a sample of the applicant's writing abilities.

Career Opportunities:

Students receiving this degree will be prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst in a local, state or federal agency, nonprofit organization, or private organization that interfaces with public sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/programs/mpp/public-policy-mpp
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Urban Policy), MPP (PPPUPUPMPP)

Online Degree Search Title: Public Policy (Urban Policy), MPP
Campus: Downtown Phoenix

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting.

The program trains people to lead by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety. At the conclusion of the master's degree program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and are prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The Master of Public Policy program with a concentration in urban policy provides knowledge and skills for students seeking or advancing careers in areas in which urban dynamics and local governance play an integral role in the policy process. This concentration's program emphasizes theories and research concerning urban policy analysis and economics as well as urban management, urban city government, public budgeting and finance in an urban context.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
PAF 506 Public Budgeting and Finance (3)
PAF 544 Urban Policy (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students choose two courses from ESS 510, PAF 534, PAF 571, PUP 525 or an internship as approved by the academic unit for the electives or research credits. Internship must be 584 course number.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided they meet the minimum requirements for the degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:.
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages and describe the applicant's educational and career goals.

The following entry-level competencies are needed for admission to the program: an undergraduate social statistics course such as PAF 301

Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Students may also satisfy the American national government competency by receiving a passing exam score in American Government through the College-Level Examination Program.

Students can complete deficiency classes prior to admission to the program or within their first semester after admission. Courses taken to satisfy entry-level competencies cannot be used toward the completion of the Master of Public Policy degree.

Career Opportunities:
Students receiving this degree are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst in a local, state or federal agency, nonprofit organization, or private organization that interfaces with the public sector. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/programs/mpp/public-policy-mpp
UCENT 400
spa@asu.edu
602-496-0450

Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (EMS - Mobile Integrated Health Care), MPSLA
Campus: Online

Program Description:
The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have an advantage that makes a difference as they seek to progress in their professions: a practical understanding of public safety organization administration.

The emergency medical services mobile integrated health care concentration provides the foundation for leadership and administration of EMS organizations. This program takes a multiprofessional approach to administration of EMS organizations and encompasses public policy and administration, organizational management and leadership, finance and data analysis. Students develop a platform of knowledge and skills on which to build a solid foundation for success within the field of EMS administration.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (15 credit hours)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)
CPP 570 GIS for Hazards Analysis (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)
CPP 540 Foundations of Emergency Medical Services (3)
CPP 550 Community Paramedicine: Mobile Integrated Health Care (3)
HCD 502 Health Care Systems and Design (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose two courses from a restricted list or any graduate-level CPP or PAF course, with program approval, for the electives or research

credits.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • written statement
  • evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-emergency/)

Career Opportunities:
With the Master of Public Safety Leadership and Administration degree from ASU, graduates are in a position to lead and improve EMS teams in mobile integrated health care. They have knowledge and skills that uniquely qualify them for leadership positions in different types of EMS agencies, such as hospitals, public health departments and managed care organizations. Graduates should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

Specific career opportunities include:

  • ambulance dispatcher
  • emergency medical technician
  • firefighter
  • medical assistant
  • paramedic

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/public-safety-leadership-and-administration-ems-mobile-integrated-health-care-mpsla
UCENT 520
idpadvising@asu.edu
602-496-0485

Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)
Online Degree Search Title: Master of Public Safety Leadership and Administration, MPSLA
Campus: Online

Program Description:
The MPSLA is a graduate degree program designed around the needs of public safety professionals.

This graduate program, through accomplished faculty and intricately connected curriculum, endeavors to advance student leadership, and policy and administrative acumen. Students gain skills in data analysis, organizational management and leadership, and public policy and administration.

Graduates have a practical understanding of public safety organization administration.

Degree Requirements:
33 credit hours including the required applied project (PAF 593 or CPP 593).

Required Core (15 credit hours)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)
CPP 570 GIS for Hazards Analysis (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for approved elective course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, environmental sciences or geography, public health, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • written statement
 • two letters of recommendation
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency

A written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy is required.

Admission examinations are not required.

Current employment in an organization in this field, at least two years of prior professional experience in this or a related field, or a bachelor's degree in a related area is required.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-public-safety-leadership-and-administration/)

Career Opportunities:
An advanced degree is increasingly important for career progression within public safety administration. This advanced degree in public safety administration can help students pursue management, leadership and administrative career paths in all levels of government and public safety

agencies and organizations, such as the police force, hospitals and rescue services, the fire department and more, as well as in private sector organizations.

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/master-public-safety-leadership-and-administration-mpsla-1
UCENT 520
idpadvising@asu.edu
602-496-0485

Public Safety Leadership and Administration (Executive Fire Administration), MPSLA (PPPSEFMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (Executive Fire Administration), MPSLA
Campus: Online

Program Description:
The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have an advantage that makes a difference as they seek to advance in their professions --- a practical understanding of public safety organization administration.

This graduate program, through its accomplished faculty and intricately connected curriculum, endeavors to advance student leadership, policy and administrative acumen.

The executive fire administration concentration program prepares graduates to handle the challenges facing chief officers. With coursework in strategic planning, public policy and administration, leadership and organizational management, data analysis, finance and technology, students develop a platform of knowledge and skills to build a solid foundation for success within the field of executive fire administration.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (15 credit hours)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)
CPP 570 GIS for Hazards Analysis (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)
CPP 530 Leadership for Innovation in Public Fire Services (3)
CPP 560 Emergency Services Operations Analysis and Planning (3)
PAF 560 Community Resilience (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose two courses from a restricted list or any graduate-level CPP or PAF course, with program approval, for the electives or research credits.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-executive-fire/)

Career Opportunities:
Graduates with a concentration in fire administration are well equipped to drive innovation from the upper levels of fire service in federal, state and local fire departments and emergency management agencies. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

Career examples include:

- fire inspector
- fire investigator
- fire prevention and protection engineer
- firefighter supervisor
- municipal firefighter

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/public-safety-leadership-and-administration-executive-fire-administration-mpsla
UCENT 520
idpadvising@asu.edu
602-496-0485

Public Safety Leadership and Administration (Executive Police Administration), MPSLA (PPPSEPMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (Executive Police Administration), MPSLA
Campus: Online

Program Description:
The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have an advantage that makes a difference as they seek to advance in their professions: a practical understanding of public safety organization administration.

This graduate program, through its accomplished faculty and intricately connected curriculum, endeavors to advance students' leadership, policy and administrative acumen.

The executive police administration concentration program provides law enforcement professionals with the highly specialized knowledge and practical skills required to rise to leadership positions in a 21st century law enforcement organization. This program enhances the leadership, management and administrative skills, knowledge and ability of present and future senior and mid-level managers and addresses the critical areas

in the management of a contemporary law enforcement agency.

Degree Requirements:
33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (15 credit hours)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)
CPP 570 GIS for Hazards Analysis (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (12 credit hours)
CRJ 501 Seminar in Criminal Justice (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 516 Seminar in Criminal Justice Organization and Management (3)
CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose one course from a restricted list or any graduate-level CPP, CRJ or PAF course, with program approval, for the electives or research credit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • written statement
  • evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-executive-police/)

Career Opportunities:
A concentration in executive police administration equips students to perform managerial duties in federal, state, local, territorial and tribal law

enforcement agencies. Students also are prepared for probation and parole, child support services, homeland security and allied security professions. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

Career examples include:

- chief of police
- first-line police supervisor
- police detective
- police dispatcher
- special agent

Contact Information:
Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
https://publicservice.asu.edu/public-safety-leadership-and-administration-executive-fire-administration-mpsla-0
UCENT 520
idpadvising@asu.edu
602-496-0485

Social Entrepreneurship and Community Development (certificate), Certificate (PPSECDGRCT)

Online Degree Search Title: Social Entrepreneurship and Community Development (Graduate Certificate)
Campus: Downtown Phoenix, Online

Program Description:
The social entrepreneurship and community development graduate certificate program provides a framework for harnessing entrepreneurial and enterprise opportunities and creating transformative responses to challenges prevalent in communities and society. The program combines social entrepreneurship with community and social innovation, providing a basis for exploring capacity building and fostering positive change for organizations, communities and societies.

The certificate is designed for students studying nonprofit leadership and management, social entrepreneurship, public policy, innovation and related fields across disciplines, and it can be added added to a ASU master's degree program.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
NLM 562 Social Entrepreneurship (3)
NLM 572 Community and Social Innovations (3)

Electives (9 credit hours)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-social-entrepreneurship-community-development/)

Career Opportunities:
Social entrepreneurship is at the leading edge of public, private and nonprofit innovation. Career options include executive officers, administrative officers, financial officers and foundation officers.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
IDPAdvising@asu.edu
602-496-1019

Social Work, MSW (PPSWDMSW)

Online Degree Search Title: Social Work - Standard Program, MSW
Campus: Downtown Phoenix, ASU@Tucson, Online

Program Description:
The professional program leading to the MSW degree prepares social workers for advanced direct practice, capable of responding effectively to individuals, families, and groups, with an emphasis on preparation for working with populations of the American Southwest.

The first year of the standard program focuses on curriculum and skills that build a foundational knowledge in social work. The second year of the program allows students to focus their coursework in a specific area to build specialized practice knowledge.

The Master of Social Work program is accredited by the Council on Social Work Education.

Concurrent Program Options:
Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.

This degree is also offered as concurrent degree program with:
    Juris Doctor, JD
    Public Administration, MPA

Degree Requirements:
51 credit hours and a portfolio, or 51 credit hours and a thesis, or 51 credit hours and an applied project (SWG 593 or SWG 693), or 51 credit hours including the required capstone course (SWG 621) , or 54 credit hours and a portfolio, or 54 credit hours and a thesis, or 54 credit hours and an applied project (SWG 593 or SWG 693), or 54 credit hours including the required capstone course (SWG 621), or 57 credit hours and a portfolio, or 57 credit hours and a thesis, or 57 credit hours and an applied project (SWG 593 or SWG 693), or 57 credit hours including the required capstone course (SWG 621), or 60 credit hours and a portfolio (MSW/MPA concurrent degree), or 60 credit hours and a thesis (MSW/MPA concurrent degree), or 60 credit hours and an applied project (SWG 593 or SWG 693) - Advanced Generalist Track, or 60 credit hours including the required capstone course (SWG 621) (MSW/MPA concurrent degree).

STANDARD PROGRAM (ground immersion):

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3)

Foundation Coursework (18 to 27 credit hours)
SWG 501 Micro Human Behavior in the Social Environment (3)
SWG 502 Macro Human Behavior in the Social Environment (3)
SWG 511 Foundation Practice II (3)
SWG 519 Research Methods in Social Work (3)
SWG 531 Social Policy and Services (3)

SWG 533 Diversity and Oppression in a Social Work Context (3)
SWG 541 Field Practicum I (3)
SWG 542 Field Practicum II (3)
SWG 585 Macro Social Work Practice (3)

Restricted Electives (21 to 27 credit hours)

Other Requirements (3 credit hours)
SWG 610 Advanced Social Work Practice III (3) or
SWG 619 Practice-Oriented Research (3) or
SWG 623 Program Evaluation (3)

Culminating Experience Options (0 to 6 credit hours)
portfolio (0) or
SWG 593 Applied Project (3) or
SWG 599 Thesis (6) or
SWG 621 Integrative Seminar (3) or
SWG 693 Applied Project (3)

ADVANCED GENERALIST TRACK (digital immersion):

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3)

Advanced Generalist Track Coursework (54 credit hours)

Culminating Experience Options (3 credit hours)
SWG 593 Applied Project (3) or
SWG 693 Applied Project (3)

Additional Curriculum Information
Students on the 51, 54 and 57 credit hour paths have an undergraduate Council on Social Work Education-accredited BSW in social work degree or BA degree in community advocacy and social policy. Path selection depends on the student's educational background. Students are to consult an academic advisor in the unit.

The 60 credit hour advanced generalist track is the digital immersion option. These students have a bachelor's or master's degree from a regionally accredited institution. Students in the 60-hour path must take foundation year coursework in restricted electives per CSWE accreditation standards.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. A student interested in moving to a concentration should notify the academic advisor prior to submitting their iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework.

The number of credit hours required for restricted electives depends on the credit hour path chosen and the culminating experience. Students should see the academic unit for a complete list of approved electives.

The foundation year includes basic courses in direct practice, organizational and community change, social policy, human behavior and research. Foundation coursework is selected in consultation with the academic advisor. Students are required to complete two practicums: a foundation field placement (480 hours) and a specialization field placement (480 hours) in a different setting.

Other requirement coursework may be substituted with approval of the academic unit.

The program may be completed within four semesters (full time) or six semesters (part time).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a closely related field from a regionally accredited institution.

The School of Social Work requires one of the following:

• undergraduate degree with 30 credit hours in liberal arts courses at the undergraduate or graduate level
• Bachelor of Social Work from a Council on Social Work Education-accredited school of social work

- liberal arts undergraduate degree

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts of all undergraduate and graduate work
- three letters of reference
- professional resume that includes volunteer and paid work experience
- statement of educational and career goals
- signed standards of ethical and professional behavior form
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's Bachelor of Social Work field instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Professional resume should include both work and volunteer experience in social service organizations. In order to be considered for possible admission, applicants who do not have work experience in social service organizations are required to have a minimum of 240 hours of volunteer experience in the social services over a six-month period in the five years immediately preceding application.

Guidelines for writing the statement of educational and career goals can be found at https://socialwork.asu.edu/content/msw-application-proceduresmaterials (https://socialwork.asu.edu/content/msw-application-proceduresmaterials).

Test scores from either the GRE or the Miller Analogies Test are required only if the applicant's junior and senior GPA was below a 3.20 (scale is 4.00 = "A").

Students should see the program website for application deadlines.

Part-time program
Students interested in this option must specifically apply to the part-time program and complete it in accordance with the plan developed to finish the degree in three years.

Transfer credit
Any transfer work is reviewed and approved in accordance with Graduate College policy. Transfer work must have been completed within three years of the semester and year of admission to the Master of Social Work degree program at ASU with a grade of "B" (3.00 on a 4.00 scale) or better.

Exemptions
Courses must have been completed within three years of the admit term of the Master of Social Work degree. Grades received must be an A- or better. A letter of good standing is required from the institution where students have taken the coursework. Course equivalencies from outside of ASU are reviewed by the MSW program coordinator. Courses identified as required core and culminating experiences in the breakdown of requirements cannot be substituted.

Concurrent degrees are currently unavailable for the online Master of Social Work degree program.

Students should contact the School of Social Work with any questions about the application process.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-social-work-social-work/)

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Plan, implement, & evaluate evidence-based interventions
- Apply professional social work theories to working with diverse, oppressed and marginalized populations in both micro and macro practice.
- Apply professional values and ethics during the advanced generalist internship.

Career Opportunities:
There are many paths within social work that graduates can pursue. Career examples include:

- adult and juvenile correction social worker
- behavioral health hospital social worker
- community advocate
- community organizer
- gerontology services patient coordinator
- grant and fund developer
- group therapy clinician
- homeless services outreach coordinator or shelter director
- individual counselor
- nonprofit leader and manager
- policy analyst
- program director
- school social worker
- social services administrator
- wellness programmer

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/content/academic-advising
UCENT 800
mswadvising@asu.edu
602-496-0800

Social Work, PHD (PPSW2PHD)

Online Degree Search Title: Social Work, PhD
Campus: Downtown Phoenix

Program Description:
The purpose of the PhD program in social work is to train future social work scholars --- social work professionals engaged in research, teaching and service.

Supplementary to the coursework, this doctoral program offers students opportunities to be actively involved in both research and teaching. Students benefit from the close mentorship of the committed faculty and regular partnerships with many internal research centers and offices. Students also receive valuable opportunities to develop a teaching portfolio, positioning them to succeed in academic careers.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Social Work Courses (12 credit hours)

Research Methods and Statistics (12 credit hours)

Directed Electives (9 credit hours)

Theory (3 credit hours)

Research (12 credit hours)
SWG 792 Research (12)

Culminating Experience (12 credit hours)

SWG 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. The doctoral program requires students to take a minimum of 36 course credit hours beyond the MSW in addition to the required 24 credit hours of research and dissertation; 84 credit hours are required beyond the bachelor's degree. Students may need to take additional coursework to achieve the competency requirements set by the program or set by their graduate supervisory committees.

Students develop their plan of study in consultation with the graduate supervisory committee. Required social work courses must be 700 level and approved by the doctoral program committee. Students should see the academic unit for approved course lists and other requirements for research methods and statistics courses, electives and theory coursework.

Once the 36 minimum course credit hours are completed, students are required to register for 12 hours of SWG 792 Research before the defense of the prospectus and 12 hours of SWG 799 Dissertation after the prospectus defense. Students must be registered for at least one credit hour during the semester, including summer, when they do their dissertation proposal defense. At least one of the dissertation hours must be taken in the semester the student expects to defend the dissertation.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of all undergraduate and graduate work
  • curriculum vitae or resume
  • GRE scores
  • personal statement
  • three letters of reference
  • required writing sample: social problem essay
  • optional writing sample
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Admission to the doctoral program in the School of Social Work is based on the following criteria:

  • an MSW from an accredited school of social work, preferably with two or more years of post-degree employment in human services
  • experience in social work teaching or research and other scholarly activities
  • experience with diverse populations
  • goodness-of-fit with program goals
  • good professional standing
  • undergraduate and graduate GPA
  • quality and extensiveness of social work experience
  • research potential and creativity as demonstrated in requested essays and references
  • scores of the GRE, with emphasis on verbal and analytic scores

Though a Master of Social Work degree is preferred, exceptions may be made for students with a BSW from an accredited school of social work and a master's degree in a related field and for students from countries without accreditation.

Guidelines for writing the statement can be found at https://socialwork.asu.edu/content/application-and-admission (https://socialwork.asu.edu/content/application-and-admission) under PhD application and admission information.

Applicants have the option of submitting a sample of their written work. Examples include a referred journal article, a class paper and a professional report such as one might write in an agency setting. The writing sample should illustrate the applicant's ability to succeed in the doctoral program. Guidelines for writing the statement can be found at https://socialwork.asu.edu/content/application-and-admission (https://socialwork.asu.edu/content/application-and-admission).

All required admission materials are submitted directly to Graduate Admission Services at https://admission.asu.edu/graduate (https://admission.asu.edu/graduate). Students should contact the School of Social Work at 602-496-0800 with any questions about the application process.

Students should see the program website for application deadlines.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Develop an individual teaching philosophy for social work education
- Apply knowledge of research methods to an area of social work scholarship.
- Develop a research proposal in an original area of social work scholarship

Career Opportunities:
Graduates are prepared to enter careers in applied research that enhance human well-being, particularly among oppressed and vulnerable populations, and to educate the next generation of social workers.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
sswphd@asu.edu
602-496-0800

Social Work (Advanced Direct Practice), MSW (PPAPDTMSW)

Online Degree Search Title: Social Work - Advanced Standing - Direct Practice, MSW
Campus: Downtown Phoenix, ASU@Tucson

Program Description:
The advanced standing direct practice concentration of the MSW consists of three specializations that prepare students for professional practice with diverse populations in a wide variety of settings. Across all specializations, the curriculum is guided by the social work values that emphasize evidence-based practice, client strengths, social justice and client empowerment. The primary curriculum goal of the Master of Social Work program is to educate advanced social work practitioners who demonstrate the knowledge, skills, values and ethics of the profession and who are competent for specialized practice.

Students learn how to diagnosis and assess mental health conditions, create treatment plans and provide appropriate interventions in a variety of clinical and community settings.

This program is accredited by the Council on Social Work Education.

Degree Requirements:
39 credit hours including the required capstone course (SWG 621), or 51 credit hours including the required capstone course (SWG 621), or 60 credit hours including the required capstone course (SWG 621), or 60 credit hours including the required capstone course (SWG 621) (MSW/MPA concurrent degree) .

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3) or
SWG 514 Bridge Seminar I (3)

Advanced Direct Practice Concentration (12 credit hours)
SWG 606 Assessment of Mental Disorders (3)
SWG 619 Practice-Oriented Research (3)
SWG 641 Advanced Practicum: Direct Practice I (3)
SWG 642 Advanced Practicum: Direct Practice II (3)

Specialization (6 credit hours)

Restricted Electives (15 to 36 credit hours)

Culminating Experience (3 credit hours)
SWG 621 Integrative Seminar (3)

Additional Curriculum Information
Students on the 39 credit hour path have an undergraduate Council on Social Work Education-accredited BSW in social work with a 3.20 Jr/Sr GPA within the last 6 years.

Students on the 51 credit hour path have an undergraduate CSWE-accredited BSW in social work degree.

The students on the 60 credit hour path have an undergraduate degree that is not directly in social work or community advocacy. Students in this path may need to take foundation coursework as part of their elective coursework to satisfy CSWE requirements. Students should see the academic advisor when selecting courses.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students select from specializations in:

 • children, youth and families
 • health, behavioral health
 • public child welfare

The amount of restricted elective coursework depends on the credit hour path selected based on the student's background. Students should see the academic unit for a complete list of approved specialization and elective coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the Bachelor of Social Work (junior and senior GPA). Applicants must have received their Bachelor of Social Work degree no more than six years prior to the date of admission to the MSW program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts of all undergraduate and graduate work
 • three letters of reference
 • professional resume that includes volunteer and paid work experience
 • statement of educational and career goals
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's Bachelor of Social Work field instructor, or if employed in a social work-related job for two or more years, a recommendation from the applicant's supervisor.

Guidelines for writing the statement can be found at https://socialwork.asu.edu/content/msw-application-proceduresmaterials (https://socialwork.asu.edu/content/msw-application-proceduresmaterials).

For questions about the application process, students should contact the School of Social Work.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
 • Plan, implement, & evaluate evidence-based interventions
 • Apply knowledge of human behavior in the social environment when working with individuals, families, & groups.
 • Apply professional values and ethics during the advanced direct practice internship

Career Opportunities:
Graduates have the preparation they need to work with individuals, families and small groups.

Career examples include:

- adult and juvenile corrections (mental health service professional)
- behavioral health hospitals (counselor)
- homeless services (outreach coordinator or shelter director)
- hospital or school social worker
- individual counselor
- gerontology services (counselor)
- group therapy clinician
- wellness programmer

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/content/academic-advising
UCENT 800
mswadvising@asu.edu
602-496-0800

Social Work (Policy, Administration and Community Practice), MSW (PPCPDTMSW)

Online Degree Search Title: Social Work - Advanced Standing - (Policy, Administration and Community Practice), MSW
Campus: Downtown Phoenix, ASU@Tucson

Program Description:
The policy, administration and community practice concentration in the MSW program prepares professional social workers for leadership in social change. Graduates work for social justice and human rights through building sustainable systems that support peoples' social well-being, often by addressing the root causes of social problems and by reforming unjust policies. Policy, administration and community practice roles include program planning and evaluation; policy development and analysis; political advocacy and lobbying; organizational leadership, management and supervision; community development, organizing and social movement building.

Students learn skills to intervene across the macro level of society: in systems, institutions, agencies, organizations, laws, policies, programs and communities. Students complete a practicum in government, nonprofit, social service, advocacy and research agencies.

The Master of Social Work with a concentration in policy, administration and community practice is accredited by the Council on Social Work Education and certified by the Network for Social Work Management.

Degree Requirements:
39 credit hours and a portfolio, or 39 credit hours and a thesis, or 51 credit hours and a portfolio, or 51 credit hours and a thesis, or 60 credit hours and a portfolio, or 60 credit hours and a portfolio (MSW/MPA concurrent degree), or 60 credit hours and a thesis, or 60 credit hours and a thesis (MSW/MPA concurrent degree).

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3) or
SWG 514 Bridge Seminar I (3)

Policy, Administration and Community Practice Concentration (21 credit hours)
SWG 623 Program Evaluation (3)
SWG 632 Policy Practice (3)
SWG 643 Advanced Practicum: Planning, Social Work Administration and Community Practice I (3)
SWG 644 Advanced Practicum: Planning, Social Work Administration and Community Practice II (3)
SWG 681 Social Work Administration (3)
SWG 682 Community Participation Strategies (3)
SWG 685 Program Planning in Social Services (3)

Electives (9 to 36 credit hours)

Culminating Experience (0 or 6 credit hours)
SWG 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students on the 39 credit hour path have an undergraduate Council on Social Work Education-accredited BSW in social work or equivalent degree with a Jr/Sr GPA of 3.20 within the last 6 years.

Students on the 51 credit hour path have an undergraduate CSWE-accredited Bachelor of Social Work degree.

Students on the 60 credit hour path have an undergraduate degree that is not directly in social work or community advocacy. Students in this path may need to take foundation coursework as part of their elective coursework to satisfy CSWE requirements. Students should see the academic advisor when selecting courses.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students complete a practicum and choose one of the culminating experiences above. The amount of elective coursework allowed depends on the credit hour path chosen and the culminating experience selected. Electives may be selected from offerings at the School of Social Work or from courses offered through other departments with the approval of the Master of Social Work program coordinator.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the Bachelor of Social Work (junior and senior GPA). Applicants must have received their Bachelor of Social Work degree no more than six years prior to the date of admission to the Master of Social Work program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of all undergraduate and graduate work
  • three letters of reference
  • professional resume that includes volunteer and paid work experience
  • statement of educational and career goals
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's Bachelor of Social Work field instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Guidelines for writing the statement can be found on the program website at https://socialwork.asu.edu/content/msw-application-proceduresmaterials (https://socialwork.asu.edu/content/msw-application-proceduresmaterials).

Applicants should see the program website for application deadlines.

Students should contact the School of Social Work with any questions about the application process.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Plan, implement, & evaluate evidence-based interventions.
  • Applytheoretical concepts related to policy, administration and community in the Field practicum setting
  • Apply professional values and ethics during the advanced Policy, Administration , and Community Field practicum

Career Opportunities:
The policy, administration and community practice concentration program prepares students for leadership and effective practice in macro social

work positions. The curriculum is designed to provide students with knowledge, skill and practice opportunities in the areas of program planning and evaluation, administration, policy analysis and advocacy, and community practice.

Career examples include:

- community advocate
- community organizer
- grant and fund developers
- nonprofit leadership and management
- policy analyst
- social services administration

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/content/academic-advising
UCENT 800
mswadvising@asu.edu
602-496-0800

Social Work - Advanced Standing - Advanced Generalist, MSW (PPASWMSW)

Online Degree Search Title: Social Work - Advanced Standing - Advanced Generalist, MSW
Campus: West, ASU@Yuma

Program Description:
The professional program leading to the MSW degree prepares social workers with the knowledge, skills and values needed to practice as advanced generalists and is designed to prepare them to respond effectively to the needs of special populations in the Southwest.

The program is accredited by the Council on Social Work Education.

Degree Requirements:
39 credit hours including the required applied project course (SWG 693).

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3) or
SWG 514 Bridge Seminar I (3)

Advanced Generalist Coursework (30 credit hours)
SWG 515 Bridge Seminar II (3)
SWG 516 Social Work Skills Seminar (3)
SWG 606 Assessment of Mental Disorders (3)
SWG 610 Advanced Social Work Practice III (3)
SWG 614 Advanced Generalist Social Work Practice IV (3)
SWG 623 Program Evaluation (3)
SWG 632 Policy Practice (3)
SWG 640 Professional Seminar II: Applying Theory to Advanced Generalist Social Work Practice (3)
SWG 645 The Professional Experience III (3)
SWG 646 The Professional Experience IV (3)

Restricted Electives (3 credit hours)

Culminating Experience (3 credit hours)
SWG 693 Applied Project (3)

Additional Curriculum Information

Students in this program hold an undergraduate Council on Social Work Education-accredited BSW in Social Work or equivalent degree.

The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students complete a practicum and an applied project.

Advanced generalist and other requirement coursework may be substituted with approval of the academic unit.

The number of credit hours required for restricted electives depends on the credit hour path chosen. Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the Bachelor of Social Work (junior and senior GPA). Applicants must have received their Bachelor of Social Work degree no more than six years prior to the date of admission to the MSW program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts of all undergraduate and graduate work
  • three letters of reference
  • professional resume that includes volunteer and paid work experience
  • statement of educational and career goals
  • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's Bachelor of Social Work field instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Guidelines for writing the statement can be found on the program website at https://socialwork.asu.edu/content/msw-application-proceduresmaterials (https://socialwork.asu.edu/content/msw-application-proceduresmaterials).

Applicants should see the program website for application deadlines, and they should contact the School of Social Work with any questions about the application process.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  • Plan, implement, & evaluate evidence-based interventions
  • Apply professional social work theories to working with diverse, oppressed and marginalized populations in both micro and macro practice.
  • Apply professional values and ethics during the advanced generalist internship.

Career Opportunities:

The advanced generalist concentration program prepares students to be practitioners who deliver culturally competent, ethical interventions that range from complex case management and practice with individuals (micro), families and groups (mezzo) to affecting social change by developing skills in organization, administration, policy development and community practice (macro).

Career examples include:

  • community outreach coordinator
  • hospital or school social worker
  • mental health advocate
  • program specialist
  • social services manager or director

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
mswadvising@asu.edu
602-496-0800

Sustainable Tourism, MST (PPSUSTMST)

Online Degree Search Title: Sustainable Tourism, MST
Campus: Online

Program Description:
Students in the MST program receive a comprehensive education with a focus on the environmental, economic and social aspects of tourism, equipping them with the skills necessary for creating pioneering sustainable development solutions to the challenges facing tourism today.

This holistic curriculum focuses on integrating all three pillars of sustainability into existing tourism theories and concepts. Students learn numerous strategies and tools for identifying and building innovative tourism products and experiences and minimizing adverse impacts of tourism so that resources and opportunities remain viable and sustainable for their host communities.

Degree Requirements:
31 credit hours including the required applied project course (TDM 593).

Required Core (24 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (3)
TDM 530 Sustainable Tourism Destination Planning and Management I (3)
TDM 531 Sustainable Tourism Destination Planning and Management II (3)
TDM 540 Sustainable Food Management in Tourism (3)
TDM 550 Managing the Sustainable Tourism Business (3)
TDM 570 Sustainable Tourism (3)

Electives or Research (3 credit hours)

Culminating Experience (4 credit hours)
TDM 593 Applied Project (4)

Additional Curriculum Information
One elective or research course is selected from an approved list for three credit hours. Students should contact the academic unit for a list of possible courses. Other courses may be used with approval from the academic unit.

Students complete an applied project that may consist of a sustainable tourism development plan for a community, a thorough sustainability audit of a tourism business, or other project as approved by the faculty advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as tourism, recreation, hospitality, business, geography or planning from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Letters of recommendation should be from current or former employers, current or former faculty members, or others who are familiar with the applicant's scholarly and professional abilities and characteristics. The names, email addresses, titles and organizations from whom the student is requesting recommendations is also required.

A written professional statement describing the applicant's purpose in pursuing the master's degree is to be submitted online. In addition, a current resume that outlines previous professional activities is required.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-sustainable-tourism/)

Career Opportunities:

This program prepares future sustainable tourism professionals to meet the increasing demand for people trained in sustainability practices and the application of those practices in tourism. The sustainable tourism degree is useful to industry professionals who are interested in advancing their profiles and also to those who are interested in changing their careers.

Career examples include:

- destination planners and managers
- recreation managers
- sustainable food managers
- tourism planners

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
IDPAdvising@asu.edu
602-496-0915

Sustainable Tourism (certificate), Certificate (PPSTGRCT)

Online Degree Search Title: Sustainable Tourism (Graduate Certificate)
Campus: Online

Program Description:

The graduate certificate in sustainable tourism is intended for professionals who work in or desire to work in the tourism industry.

Students in this program explore the practices of managing and developing sustainable tourism businesses and destinations. They learn numerous strategies and tools for identifying and building innovative tourism products and experiences, as well as minimizing adverse impacts, so that these attractions remain viable and sustainable for their host communities.

Students who complete the certificate have acquired knowledge in topics such as the integration of economic, social and environmental aspects of sustainability as it relates to tourism; conducting sustainability audits for destinations and businesses; community impacts of tourism; and sustainable destination and business planning and management.

Degree Requirements:

18 credit hours.

Required Core (15 credit hours)
TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (3)
TDM 530 Sustainable Tourism Destination Planning and Management I (3)
TDM 531 Sustainable Tourism Destination Planning and Management II (3)
TDM 570 Sustainable Tourism (3)

Electives (3 credit hours)
TDM 540 Sustainable Food Management in Tourism (3) or
TDM 550 Managing the Sustainable Tourism Business (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • two letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Letters of recommendation must be from current or former employers, current or former faculty members, or others who are familiar with the applicant's scholarly and professional abilities and characteristics, and the letters are to be submitted through the online application.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-sustainable-tourism/)

Career Opportunities:
This certificate is beneficial to students or professionals who are interested in advancing their profiles in the tourism field and to those who are interested in a career change.

The certificate allows graduates enhanced recognition and credentials in an area experiencing a great deal of interest and growth. They can further their careers even more by obtaining an advanced degree specific to sustainability practices in tourism.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/programs/graduate?field_asu_ap_campus_value=All&field_asu_ap_value_1=3
UCENT 550
IDPAdvising@asu.edu
602-496-0915

Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)
Online Degree Search Title: Trauma and Bereavement (Graduate Certificate)
Campus: Downtown Phoenix

Program Description:
There is a growing need in society for health care workers and clinicians to be better prepared to help clients and patients experiencing trauma.

The School of Social Work graduate certificate program in trauma and bereavement provides students with enhanced knowledge about grief responses and the effects of trauma. Students have opportunities to research an often under-explored topic while helping transform the sociopolitical management of grief, traumatic losses and end-of-life issues in contemporary society.

Degree Requirements:
15 credit hours.

Required Core (6 credit hours)
SWG 576 War and Disaster (3)
SWG 577 Traumatic Death: Theory, Counseling and Practice (3)

Restricted Electives (3 credit hours)
SWG 559 Spirituality and the Helping Professions (3)
SWG 655 Quality of Life, Mastering Mindfulness (3)
SWG 690 Reading and Conference (3)

Other Requirements (6 credit hours)
SWG 541 Field Practicum I (3) and SWG 542 Field Practicum II (3) or
SWG 584 Internship (6) or
SWG 641 Advanced Practicum: Direct Practice I (3) and SWG 642 Advanced Practicum: Direct Practice II (3)

Additional Curriculum Information
For restricted electives, students choose one of the three course options listed above for three credit hours.

Students must complete one of the practicums and internship options from the other requirements list. Courses are selected in consultation with an advisor. Field practicums and internships must be preapproved with the academic unit. If selected, enrollment in SWG 584 Internship is for three credit hours and taken twice.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in fields such as psychology, sociology and social work.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement
  • resume
  • School of Social Work certificate application
  • three references
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement, resume, School of Social Work certificate application (it is available on the department website) and three references (forms available on the department webpage) should be submitted to the School of Social Work.

The personal statement must be two to four pages, double-spaced; additional guidelines are listed on the application.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Students should see the program website for application deadlines.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Plan, implement and evaluate evidence-based interventions.
•Apply professional values and ethics during the advanced direct practice internship

Career Opportunities:
This graduate certificate program in trauma and bereavement prepares individuals to work in the field of death and dying as well as with trauma and bereavement in clinical, organizational and administrative settings.

Career examples include:

• crisis response team members and leaders
• hospice and chaplaincy workers
• medical and pre-med occupations
• therapists and counselors

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
sswgradcerts@asu.edu
602-496-0800

Teachers College, Mary Lou Fulton

Advanced Analytics in Higher Education, Certificate (TEAAHEGRCT)
Online Degree Search Title: Advanced Analytics in Higher Education (Graduate Certificate)
Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program Description:
This graduate certificate program in advanced analytics in higher education is designed to give graduates the ability to extract, arrange and analyze data in the service of addressing complex administrative challenges in higher education.

The coursework addresses the application of data mining, predictive analytics, sentiment analysis and data visualization techniques to organizational challenges common in higher education. This work is designed to prepare graduates to use data in their decision-making processes. Students apply the knowledge and skills learned while gaining an understanding of the security and ethical considerations of analytics.

Degree Requirements:
15 credit hours.

Required Core (15 credit hours)
HED 603 Foundation of Data Analytics in Higher Education (1)
HED 604 Analytics Process and Technology in Higher Education (2)
HED 605 Data Management and Preparation for Higher Ed Analytics (3)
HED 606 Advanced Analytic Methods for Higher Education (3)
HED 607 Visualization and Presentation for Higher Education (3)
HED 608 Trends in Advanced Analytic Methods for Higher Education (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply if they have earned a minimum of a bachelor's degree (business, economics, education, psychology or equivalent) or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this certificate
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are required to have at least one year working in an education-related field and have taken at least one graduate or undergraduate statistics course, finishing with a grade of "B" (scale is 4.00 = "A") or better.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-advanced-analytics-higher-education/)

Career Opportunities:
Students with expertise in advanced analytics are prepared to pursue educational careers in academic and operational areas in colleges and universities.

Career examples include:

- college program director
- computer database architect
- data analyst
- database administrator
- data management specialist

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
FAB S236
GraduateEducation@asu.edu
602-543-6358

An Overview of Autism Spectrum Disorders (certificate), Certificate (EDSPEGRCA)
Online Degree Search Title: An Overview of Autism Spectrum Disorders (Graduate Certificate)
Campus: Online

Program Description:
The graduate certificate in autism spectrum disorders is ideal for educators, interventionists, paraprofessionals, psychologists, behavior analysts and family members who want to enhance their preparation for working with individuals affected with ASD.

Students can complete the graduate certificate within a two-year period while concurrently pursuing a graduate degree or they can complete it as a stand-alone certificate.

Students interested in sitting for the national Board Certified Behavior Analyst® exam should apply for the MA program in special education with a concentration in applied behavior analysis or the applied behavior analysis graduate certificate, depending on interest and need.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
SPE 521 Foundations of Autism Spectrum Disorders (3)

SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)
SPE 540 Family-Centered Practices (3)

Restricted Electives (6 credit hours)
SPE 520 Verbal Behavior (3)
SPE 527 Behavior Analytic Assessment (3)
SPE 541 Consultation Frameworks and Issues (3)
SPE 560 Behavior Change Procedures: Implementing Interventions in Behavior Analysis (3)
SPE 564 Controversial Therapies; Science, Fad and Pseudoscience in Educational Settings (3)
SPE 566 Applied Behavior Analysis in Inclusive Settings (3)
SPE 567 Ethics of Applied Behavior Analysis (3)
SPE 598 Special Topics (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this degree
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/EDSPEGRCA/Gedt.pdf (https://catalog.asu.edu/files/disclosures/EDSPEGRCA/Gedt.pdf).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-autism-spectrum-disorders/)

Career Opportunities:
Students gain specialized skills and knowledge to work effectively and compassionately with children and adults, including family members, impacted by autism.

Career examples include:

• adapted physical education specialist
• clinical psychologist
• counselor
• special education teacher
• speech-language pathologist

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
602-543-6358

Applied Behavior Analysis (Certificate), Certificate (TEABAGRCT)

Online Degree Search Title: Applied Behavior Analysis (Graduate Certificate)
Campus: Online

Program Description:
The graduate certificate program in applied behavior analysis pairs research and experience to prepare professionals to work with individuals with diverse learning and behavior needs using the principles of applied behavior analysis.

Applied projects and assignments allow students to focus on the population with which they plan to work, while gaining the knowledge and skills they need in order to use applied behavior analysis across various populations and settings.

Mary Lou Fulton Teachers College offers university coursework verified by the Association for Behavior Analysis International as meeting the coursework requirements for eligibility sit for the Behavior Analyst Certification Board® Board Certified Behavior Analyst® examination. Once certified, these professionals are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the Behavior Analyst Certification Board-required 315 classroom hours of graduate-level instruction aligned with the BCBA/BCaBA task list (fifth edition). BCBA supervised independent fieldwork supervision hours, required for certification, are arranged and completed by the student separately from their ASU coursework. An optional remote BCBA supervised independent fieldwork practicum (SPE 580 Applied Behavior Analysis Practicum) is available.

Students seeking the master's degree as well as the verified university coursework to sit for the BCBA® exam should apply to the MA program in special education with a concentration in applied behavior analysis.

Degree Requirements:
21 credit hours.

Required Core (21 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design(3)
SPE 526 Concepts and Principles of Applied Behavior Analysis (3)
SPE 527 Behavior Analytic Assessment (3)
SPE 560 Behavior Change Procedures: Implementing Interventions in Behavior Analysis (3)
SPE 562 Personnel Supervision and Organizational Behavior Management in Educational Settings (3)
SPE 563 Philosophical Foundations of Applied Behavior Analysis in Educational Settings (3)
SPE 567 Ethics of Applied Behavior Analysis (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • personal statement describing the applicant's interests and reason for seeking this degree
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/TEABAGRCT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/TEABAGRCT/Gedt.pdf).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program

description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-applied-behavior-analysis/)

Career Opportunities:
Professionals with expertise in evidence-based practices in applied behavioral analysis are in high demand across sectors and industries, including education, business and health care.

Career examples include:

- applied behavioral analysis therapist
- behavior specialist
- Board Certified Behavior Analyst
- behavior consultant
- early interventionist
- educator
- organizational behavior management

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
602-543-6358

Curriculum and Instruction (Teaching and Learning), MEd (EDDCIMED)

Online Degree Search Title: Curriculum and Instruction (Teaching and Learning), MEd
Campus: Online

ASU is not currently accepting applications for this program.

Program Description:
The MEd program in curriculum and instruction with a concentration in teaching and learning facilitates the development of advanced-level professional knowledge, skills and understanding through research and applied experiences. The program provides an avenue for developing skills in designing learning environments for students.

Degree Requirements:
30 credit hours including the required applied project course (SPE 593), or 30 credit hours including the required capstone course (SPE 597).

Students complete 30 credit hours in their focus area and a culminating project to be embedded within a course.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation

- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
602-543-6358

Curriculum and Instruction (Applied Behavior Analysis), MEd (TEABAMED)

Online Degree Search Title: Curriculum and Instruction (Applied Behavior Analysis), MEd
Campus: Online

ASU is no longer accepting new students to this program. Students interested in an online applied behavior analysis program with coursework verified for the Board Certified Behavior Analyst® examination should see the MA in Special Education (Applied Behavior Analysis) (https://webapp4-qa.asu.edu/programs/t5/majorinfo/ASU00/TESPEABAMA/graduate/false).

Program Description:
The MEd program in curriculum and instruction with a concentration in applied behavior analysis pairs research and experience to prepare professionals to use the principles of applied behavior analysis to work with individuals with special learning and behavior needs.

The coursework prepares students to use applied behavior analysis to address a variety of learning and behavior needs across a range of professions and settings. All courses are online, combining a range of resources and technologies to provide students the opportunity to interact directly with program faculty and classmates. Program graduates are well prepared to provide applied behavior analysis and evidence-based consultative services and support to clients, community and family members across a variety of settings.

The Mary Lou Fulton Teachers College offers university coursework preapproved by the Behavior Analyst Certification Board® for students interested in sitting for the Board Certified Behavior Analyst® examination. Professionals with this certification are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the BACB®-required 270 classroom hours of graduate-level instruction aligned with the fourth edition task list. BCBA® supervision hours, required for certification, are arranged and completed by the student separately from ASU coursework. Students not seeking the master's degree but interested in only the preapproved university coursework for the BCBA® exam may apply to the applied behavior analysis graduate certificate.

Degree Requirements:
30 credit hours including the required capstone course (SPE 597).

Concentration (24 credit hours)

Research (3 credit hours)

Culminating Experience (3 credit hours)
SPE 597 Capstone Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-applied-behavior-analysis?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure.

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
602-543-6358

Curriculum and Instruction (Autism Spectrum Disorders), MEd (TEASDMED)

Online Degree Search Title: Curriculum and Instruction (Autism Spectrum Disorders), MEd
Campus: Online
ASU is no longer accepting applications for this program. Applicants interested in autism spectrum disorders should apply directly to the MA in Special Education (Autism Spectrum Disorders) (https://webapp4-qa.asu.edu/programs/t5/majorinfo/ASU00/TESPEASDMA/graduate/false).
Program Description:
The MEd program in curriculum and instruction with a concentration in autism spectrum disorders equips individuals with the specialized skills and knowledge they need for working effectively with children and adults affected by autism.

The steady rise in the number of those affected by autism has caused a public demand for professionals who are aware of the issues and needs facing these special individuals, their families and service providers. Program graduates are well prepared to provide important services and care for individuals with autism spectrum disorders in a variety of roles, including as educators, interventionists, paraprofessionals, psychologists, speech pathologists, behavior analysts or family members.

Each student completes a practicum customized to individual interests and abilities. The program culminates with a capstone experience in which students demonstrate analysis and synthesis of material learned in the master's program and evidence of competency in the six Council for Exceptional Children autism standards.

Students interested in sitting for the national Board Certified Behavior Analyst® exam should apply to the master's degree in special education, applied behavior analysis concentration or the applied behavior analysis graduate certificate, depending on interest and need.

Degree Requirements:
30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (18 credit hours)

Electives (3 credit hours)

Other Requirements (3 credit hours)
SPE 580 Practicum (3)

Culminating Experience (3 credit hours)
SPE 597 Capstone (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-autism-spectrum-disorders/)

Contact Information:
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Curriculum and Instruction (Early Childhood Education), MEd (TEECDMED)
Online Degree Search Title: Curriculum and Instruction (Early Childhood Education), MEd
Campus: Online

Program Description:
The MEd in curriculum and instruction with a concentration in early childhood education prepares individuals to meet the educational, social and emotional needs of children from birth through age 8 or grade 3.

This master's degree program is appropriate for students interested in learning about early childhood education research and working with infants and children and can help advance the professional development of students who already have a teaching certificate and are interested in deepening their knowledge, strengthening their skills or pursuing doctoral studies in the future.

Through online coursework and applied activities, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, administration, policy analysis and advocacy.

Students can also choose to add in-person professional experiences to their degree program that prepare them to enter the teaching profession after graduation. Students pursuing teacher-certification complete internships and full-time teaching residencies to gain experience in two grade levels: preK and grades K-3. Faculty members and highly qualified, certified mentor teachers provide guidance and support along the way.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification as Early Childhood, Birth-Age 8 or Grade 3 teachers. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Degree Requirements:
30 credit hours including the required applied project course (ECD 593).

Students in this program complete an applied project within their plan of study as a culminating experience.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should come from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-early-childhood-education/)

Career Opportunities:
Students gain skills in teaching, conducting research, utilizing technology and analyzing policy --- all of which prepares graduates to expand or pursue educational careers working with young children and their families.

Career examples include:

- childcare worker
- education administrator
- family social worker
- preschool teacher or director

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu
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602-543-6358

Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)

Online Degree Search Title: Curriculum and Instruction (Gifted Education), MEd
Campus: Online

Program Description:
The MEd program in curriculum and instruction with a concentration in gifted education prepares teachers, school administrators, school psychologists, early interventionists and family members to work effectively with gifted children. Students gain the theory and pedagogy needed to identify and serve this population of learners.

Students learn how to identify learning potential and address specific needs of gifted and talented students. They gain an understanding of gifted students' affective and academic needs and learn how to design and provide appropriately challenging, differentiated curriculum and instruction.

Students also learn how to develop a continuum of gifted programs and services; work with school administrators, teachers, school boards and parents; and advocate for gifted students at local and national levels.

The program is designed for public and private teachers in regular classrooms, honors classrooms and gifted programs, and for school administrators and gifted program coordinators.

The program also provides the twelve credit hours of coursework in gifted education required for the Gifted Education (K-12) endorsement from the Arizona Department of Education. Students should refer to the Arizona Department of Education website for additional requirements.

Degree Requirements:
30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)

Concentration (21 credit hours)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
SPE 597 Capstone Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- three letters of recommendation
- personal statement
- resume
- proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-teaching-and-learning-gifted-elementary/)

Career Opportunities:
Graduates possess skills in creating and strengthening gifted programs, developing instructional methods, advocating for learners and working with school districts and families. This prepares them to expand or pursue education careers working with gifted learners.

Career examples include:

- educator in gifted or honors classrooms
- gifted coordinator
- school administrator

Contact Information:
Teachers College, Mary Lou Fulton
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Early Childhood Education, MEd (TEECEDMED)
Online Degree Search Title: Early Childhood Education, MEd
Campus: Online

Program Description:
The MEd program in early childhood education prepares individuals to meet the educational, social and emotional needs of children from birth through age eight. Through coursework, applied activities and in-person clinical experiences, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, administration, policy analysis and advocacy.

The master's degree is appropriate for students interested in learning about early childhood education research and working with infants and children in grades K--3. This program may be of interest to students who already have a teaching certificate and are interested in furthering their knowledge and skills or pursuing doctoral studies in the future.

Degree Requirements:
30 credit hours including the required applied project course (ECD 593).

Required Core (27 credit hours)

ECD 505 Foundations of Early Childhood Education (3)
ECD 525 Emergent Literacy (3)
ECD 526 Integrated Literacy for the Young Learner (3)
ECD 527 Mathematics in Early Childhood Education (3)
ECD 541 Assessment of Young Children (3)
ECD 549 Foundations of Diversity, Human Development, and the Young Child (3)
ECD 565 Appropriate Instructional Methodologies for Young Children (3)
TEL 511 Research and Evaluation in Education (2)

TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Culminating Experience (3 credit hours)
ECD 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirement of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • personal statement
 • professional resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The following are accepted to meet this requirement:

 • TOEFL: score of at least 90 on the internet-based test (iBT), with scores on the Speaking and Writing portions in the high "fair"--"good" range (22-30). ASU's institutional code is 4007. Only electronic copies of scores are accepted.
 • IELTS: overall band score of at least 6.5 with Speaking and Writing portions needing to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program. Only professional recommenders are accepted.

The personal statement should describe the personal and professional goals that motivated applicant to apply to the graduate certificate, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement. The statement should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities. The resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-early-childhood-education/)

Career Opportunities:
Graduates from this program may become curriculum designers, preschool directors or early childhood specialists.

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu
ED 200
graduateeducation@asu.edu
877-326-6744

Early Childhood Education (Teacher Certification), MEd (TEECDTCMED)

Online Degree Search Title: Early Childhood Education (Teacher Certification), MEd
Campus: Online

Program Description:
The MEd program in early childhood education prepares individuals to meet the educational, social and emotional needs of children from birth through age eight or grade three.

Through online coursework and applied activities, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, administration, policy analysis and advocacy.

A series of professional experiences assists students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Early Childhood, birth--age 8 or grade 3. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Degree Requirements:
36 credit hours including the required applied project course (ECD 593).

Required Core (27 credit hours)
ECD 505 Foundations of Early Childhood Education (3)
ECD 525 Emergent Literacy (3)
ECD 526 Integrated Literacy for the Young Learner (3)
ECD 527 Mathematics in Early Childhood Education (3)
ECD 541 Assessment of Young Children (3)
ECD 549 Foundations of Diversity, Human Development and the Young Child (3)
ECD 565 Appropriate Instructional Methodologies for Young Children (3)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Concentration (6 credit hours)
ECD 567 Clinical Experience: Early Childhood Internship (Ages Birth-5) (2)
ECD 576 Clinical Experience: Early Childhood Internship (Grades K-3) (2)
ECD 578 Student Teaching: Early Childhood (Grades K-3) (2)

Culminating Experience (3 credit hours)
ECD 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirement of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • professional resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program. Only

professional recommenders are accepted.

The personal statement should describe the personal and professional goals that motivated applicant to apply to the graduate certificate, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement. The statement should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities. The resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-early-childhood-education-certification/)

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Graduates gain skills in teaching, conducting research, utilizing technology and analyzing policy --- all of which prepare them to expand or pursue educational careers working with young children and their families. Career examples include:

- childcare worker
- education administrator
- family social worker
- preschool teacher or director

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
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Educating Multilingual Learners (Certificate), Certificate (TEESLGRCT)
Online Degree Search Title: Educating Multilingual Learners (Graduate Certificate)
Campus: Online

Program Description:
The graduate certificate in educating multilingual learners prepares students to educate bilingual and multilingual learners in a variety of settings, including preK-12 schools, colleges, universities and organizations serving and advocating for linguistically diverse populations.

While the program is an excellent choice for teachers seeking to improve their preparation for bilingual and multilingual learners, it does not lead to teacher certification. There is no requirement that students entering the program hold a teaching certificate or seek to obtain one.

This certificate program is not designed to address specific requirements of any single state endorsement but may address many components for state endorsements, depending on state requirements.

Individuals who wish to build a career in the field of English language teaching should consider the Master of Teaching English to Speakers of Other Languages (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAENGMTESL/graduate/false (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAENGMTESL/graduate/false)) offered through The College of Liberal Arts and Sciences.

Degree Requirements:
15 credit hours.

Required Core (9 credit hours)
BLE 534 Language, Policy, and Power: Past and Present (3)
BLE 536 Education for Social Transformation (3)
BLE 537 Linguistics for Educators (3)

Electives (6 credit hours)

Additional Curriculum Information

Students should see the academic unit for approved list of elective courses.

There is no culminating experience required for the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, preferably in education or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/TEESLGRCT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/TEESLGRCT/Gedt.pdf).

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-english-second-language/)

Career Opportunities:

As populations continue to diversify, there is high demand for professionals with expertise in supporting multilingual learners. Program graduates are well suited for positions within education or organizations serving international or immigrant populations.

Career examples include:

- education manager
- educational consultant
- instructor
- multilingual or bilingual education specialist
- professional development manager
- school administrator

Contact Information:

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Education, MA (TEEDUMA)

Online Degree Search Title: Education, MA
Campus: Online

Program Description:

The MA program in education is designed for professionals who want to advance their career in the field of education. The degree program

provides a foundation for students to shape society by supporting educational endeavors.

Students in this program can customize their coursework in the following ways:

They can choose two of the following Mary Lou Fulton Teachers College focal areas:

- advanced analytics
- applied behavior analysis
- autism spectrum disorders
- early childhood education
- educating multilingual learners
- gifted education
- global education
- learning design and technologies
- literacy education

Or, they can choose one of the focal areas shown above and one of the focal areas from a partner college, shown below:

- data and society (New College of Interdisciplinary Studies and Arts)
- digital audience strategies (Cronkite School of Journalism and Mass Communication)
- social justice and human rights (New College of Interdisciplinary Sciences and Arts)

The program culminates with an applied project in which students design and develop an inquiry study that addresses one or more problems related to their areas of focus.

Degree Requirements:
30 credit hours including the required applied project course (EDU 593), or 30 credit hours including the required applied project course (EDU 593) - Mandarin Pathway.

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
EDU 593 Applied Project (3)

Additional Curriculum Information
The program is designed to be flexible and personalized to meet the interests of the learner. Students should see the academic unit for a list of electives to choose from as they explore focal areas of greatest interest.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College .

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Applicants must provide a written statement of approximately 500 words that describes their personal interest in the field of education, the goals they wish to achieve while in the program, and their short- and long-term career aspirations. The admission committee pays particular attention to the quality of writing, the ideas expressed, and the relative match between the applicant and program goals.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-in-education/)

Career Opportunities:
Students gain skills in effective communication, collaboration, leadership, advocacy and innovation, all of which are essential to education professionals in a variety of careers.

Career examples include:

- behavior specialist
- curriculum designer
- education program manager
- education subject matter expert
- instructional designer
- team lead (K-12 schools)

Contact Information:
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Education (Accomplished Teaching), MA (EDACCTCMA)

Online Degree Search Title: Education (Accomplished Teaching), MA
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The MA program in education with a concentration in accomplished teaching is designed for practicing educators who want to advance their expertise and be able to innovate not only in the classroom but also help their schools or other work settings to redesign education from a deep understanding of educational theory and practice. Students improve their understanding of student learning and assessment and they develop skills in conducting action research.

Degree Requirements:
30 credit hours and a thesis, or 30 credit hours including the required applied project course (DCI 593).

Required Core (15 credit hours)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
DCI 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:
Teachers College, Mary Lou Fulton
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Education (Educating Multilingual Learners), MA (EDESLMA)
Online Degree Search Title: Education (Educating Multilingual Learners), MA
Campus: Online

Program Description:
The MA in education with a concentration in educating multilingual learners prepares students to educate bilingual and multilingual learners in a variety of settings, including preK-12 schools, colleges, universities and organizations that serve and advocate for linguistically diverse populations.

Program courses are designed and led by full-time faculty. The program advances a contextualized view of multilingualism, highlights language learning processes and related pedagogies, and promotes educators' self-reflection about their potential as advocates for their students.

Students take both a practicum and a capstone course. The practicum provides students an opportunity to apply theoretical and practical information presented through coursework in schools and other learning environments that serve multilingual learners. This is a structured practical experience supervised by a faculty member with whom the student works closely. For the capstone, students identify a specific topic or problem of practice and lead a research-driven project or in-depth review of the literature.

While the program is an excellent choice for teachers seeking to improve their preparation for bilingual and multilingual learners, it does not lead to teacher certification. There is no requirement that students entering the program hold a teaching certificate or seek to obtain one.

This program is not designed to address specific requirements of any single state endorsement but may address many components for state endorsements, depending on the state's requirements.

Note: Individuals who wish to build a career in the field of English language teaching should consider the Master of Teaching English to Speakers of Other Languages (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAENGMTESL/graduate/false (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAENGMTESL/graduate/false)) offered through The College of Liberal Arts and Sciences.

Degree Requirements:
30 credit hours including the required capstone course (BLE 597).

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (24 credit hours)

Culminating Experience (3 credit hours)
BLE 597 Capstone (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/education-educating-multilingual-learners-ma/)

Career Opportunities:
As populations continue to diversify, there is high demand for professionals with expertise in supporting multilingual learners. Graduates are well suited for positions within education or organizations serving international or immigrant populations.

Career examples include:

• educational consultant
• education manager
• instructor
• multilingual or bilingual education specialist
• professional development manager
• school administrator

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Education (Literacy Education), MA (EDLANGMA)
Online Degree Search Title: Education (Literacy Education), MA
Campus: Online

Program Description:
The MA program in education with a concentration in literacy education prepares students to understand the sociocultural, historical and political settings in which reading, writing, oral language and the visual arts are created and utilized.

Fully online courses include digital technologies, multimodal literature, language and literacy for diverse learners, as well as literacy assessment and instruction for children, adolescents and adults. Students learn how to evaluate literacy theories and pedagogies through both a solid theoretical foundation of literacy and a foundational knowledge base of pedagogy. The program also teaches how to use technology to encourage critical thinking for learners, as well as how to use it as a resource for teaching, assessment and inquiry.

Graduates are literacy leaders who inquire into their own instructional approaches, analyze resources available for literacy instruction and critically examine the environments and learning experiences constructed in their context.

Degree Requirements:
30 credit hours including the required capstone course (RDG 597).

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (18 credit hours)
RDG 505 Language and Literacy Across the Lifespan (3)
RDG 510 Literacies, Digital Technologies, and Learning (3)
RDG 512 Theoretical Foundations in Language and Literacy (3)
RDG 515 Multimodal Literature for Children and Adolescents (3)
RDG 518 Supporting Language and Literacy for Diverse Learners (3)
RDG 519 Writing Throughout the Lifespan (3)

Other Requirements (6 credit hours)
RDG 530 Literacy Methods, Assessment and Reflection for Children (Pre-K to Grade 5) (6) or
RDG 540 Literacy Methods, Assessment and Reflection for Adolescents and Adults (Grade 6-Adult) (6)

Culminating Experience (3 credit hours)
RDG 597 Capstone (3)

Additional Curriculum Information
Students put their coursework into action through an interactive capstone project, where they design, implement, analyze and reflect on a professional development project for literacy educators.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • personal statement
 • resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/literacy-education/)

Career Opportunities:
Students gain skills in leadership, literacy assessment and instruction, conducting research and utilizing technology, which prepare them to pursue or expand an educational career working with learners of all ages.

Career examples include:

- curriculum writer
- instructional coach
- instructor
- literacy coordinator
- literacy media specialist
- reading specialist

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Education Sciences, MS (TEEDUSCIMS)

Online Degree Search Title: Education Sciences, MS
Campus: Tempe

Program Description:
The MS program in education sciences prepares educational research professionals to address contemporary problems in many educational settings. Students learn to use quantitative analysis and optimized research design to address important issues in education policy and practice.

Coursework in the program focuses on scientifically valid research designs, data management, data mining and quantitative data analysis --- all at intermediate to advanced levels. The accompanying research apprenticeship allows students to integrate coursework into their professional experiences, enriching their ability to understand and solve complex education challenges.

The supervised research project and internship places students in a research institute, business or agency. This combined project and internship model provides graduates with integrated, relevant experience designed to open opportunities for career advancement. Working students may be able to arrange for an existing job to serve as their internship site.

This program is ideal for individuals currently working in or interested in social science research centers, school districts, state or federal agencies, university research centers, foundations, educational testing companies and any industry that focuses on employee education and outcomes.

This MS program qualifies for the STEM OPT extension for students studying on F-1 visas.

Degree Requirements:
33 credit hours including the required applied project course (EDU 593).

Required Core (18 credit hours)
EDU 501 Education Sciences I: Quantitative Research and Design Inquiry (6)
EDU 502 Education Sciences II: Intermediate Quantitative Inquiry and Measurement (6)
EDU 503 Education Sciences III: Advanced Quantitative Analysis and Modeling (6)

Other Requirements (9 credit hours)
EDU 592 Research (3)
EDU 598 Special Topics (6)

Culminating Experience (6 credit hours)
EDU 593 Applied Project (6)

Additional Curriculum Information

Coursework listed as other requirements may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
- graduate admission application and application fee
- official transcripts
- written statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

Applicants must provide a written statement of approximately 500 words that describes their personal interest in the field of education, the goals they wish to achieve while in the program, and their short- and long-term career aspirations. The admission committee pays particular attention to the quality of writing, the ideas expressed and the relative match between the applicant and program goals.

Career Opportunities:
This program meets a growing market need for individuals with practical quantitative research, analysis and data management skills (e.g., data mining, extracting subsets of data from large databases, data visualization) focused on preK-16 and adult education. Students gain skills in research design, statistical analysis and interpretation.

Career examples include:

- research and data analyst
- data scientist
- education leader and administrator working in research centers or agencies, school districts, state or federal agencies, university research centers, foundations, educational testing companies and more
- learning and development manager

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Educational Leadership, MEd (EDSUPVMED)
Online Degree Search Title: Educational Leadership, MEd
Campus: Polytechnic, West

ASU is not currently accepting applications for the core degree. Students interested in the principal preparation program leading to Arizona principal certification should see the Educational Leadership (Principalship), MEd (https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEPRINMED/graduate/false).

Program Description:
The MEd program in educational leadership is designed for individuals who believe in the power of education to transform children's lives and who aspire to school leadership positions as administrators or in other leadership roles in K-12 settings. This rigorous, standards-based leadership preparation program provides students with the knowledge and expertise to become transformative administrators or teacher leaders with deep and

unwavering commitment to providing excellent and equitable educational opportunities for all students.

This program equips students with the skills to facilitate school-level and systemic change; create and sustain a culture of innovation and collaboration; successfully lead curriculum development; interpret and use data to support student success; provide effective feedback, support and evaluation for teachers; build a community network of support for students and schools; and ensure equitable and excellent educational opportunities and support for all students.

The master's degree program in educational leadership is designed to prepare teachers to meet Arizona requirements for principal certification. Students seeking certification in a state other than Arizona should contact their state department of education to determine the principal certification requirements prior to applying.

Degree Requirements:
36 credit hours and a portfolio, or 36 credit hours and a written comprehensive exam, or 36 credit hours including the required applied project (EDA 593), or 36 credit hours including the required capstone course (EDA 691).

Required Core (27 credit hours)
EDA 501 Competency/Performance in Educational Administration (3)
EDA 505 American Education System (3)
EDA 511 School Law (3)
EDA 514 Leadership in Curriculum and Assessment (3)
EDA 526 Instructional Supervision (3)
EDA 548 School, Family and Community Connections (3)
EDA 572 School Finance and Human Resources (3)
EDA 578 Critical Issues in Educational Leadership (3)
EDA 634 Instructional Leadership (3)

Other Requirement (6 credit hours)
EDA 584 Internship (3)
EDA 684 Internship (3)

Culminating Experience (3 credit hours)
EDA 593 Applied Project (3)

Additional Curriculum Information
The 15-month, standards-based leadership development program begins with a three-week summer intensive that immerses the cohort in a simulated school experience during which students engage in required coursework in a hybrid format. Learning continues during the school year with a blend of web-based and face-to-face courses taken at an ASU campus, including set meetings each semester wherein students visit schools and participate in instructional rounds. All students participate in a two-semester, school-based internship that provides the opportunity to apply new learning and research in a K-12 setting. The program concludes with a two-week summer intensive during which the cohort meets together and engages with coursework in a hybrid format.

Students must be employed in a school-based position or have access to an ASU- and district-approved school placement that serves as the laboratory of practice for applying the concepts, principles and leadership approaches learned through the coursework.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and have at least two years of pre-K through grade 12 teaching experience as a teacher of record.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • personal statement
 • resume
 • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:
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Educational Leadership (Principalship), MEd (TEPRINMED)

Online Degree Search Title: Educational Leadership (Principalship), MEd
Campus: West, Online

Program Description:
The MEd program in educational leadership with a concentration in principalship is designed for educators who believe in the power of education to transform children's lives and who aspire to school leadership positions as administrators or in other leadership roles in K-12 settings.

All courses are offered remotely, and students select one of two modalities:

  • strong>ASU Sync --- This is an accelerated, 14-month program in which students attend all classes via Zoom at scheduled times, offering a live learning experience with faculty and peers. While all classes are taught remotely, students must apply and be admitted to either the ASU West or ASU Polytechnic campus.
  • strong>ASU Online --- This is a two-year program for students admitted to the online location. In this format, coursework is delivered asynchronously and can be accessed on students' own schedules.

Both options prepare students to meet Arizona requirements for principal certification and national standards for educational leadership. Students interested in certification in a state other than Arizona should contact their state department of education to determine the principal certification requirements prior to applying to the program.

Students in this program gain the skills to facilitate school-level and systemic change; create and sustain a culture of innovation, collaboration and collective excellence; successfully interpret and research school-based data to support student success; provide effective feedback in the interest of students; effectively support teachers; build a community network for all students and families; and lead schools in the pursuit of equitable and excellent educational opportunities.

Students must be employed in a school-based position or have access to an approved school placement that serves as their laboratory of practice. During the school year, students complete a two-semester, school-based internship with a certified principal who serves as a mentor for all field experiences. As part of the internship, students plan, research, implement and evaluate an action research project designed to solve a problem of practice in their placement school.

ASU Sync

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
36 credit hours including an applied project (EDA 593).

Required Core (27 credit hours)
EDA 501 Competency/Performance in Educational Administration (3)
EDA 505 American Education System (3)

EDA 511 School Law (3)
EDA 514 Leadership in Curriculum and Assessment (3)
EDA 526 Instructional Supervision (3)
EDA 548 School, Family, and Community Connections (3)
EDA 572 School Finance and Human Resources (3)
EDA 578 Critical Issues in Educational Leadership (3)
EDA 634 Instructional Leadership (3)

Other Requirement (6 credit hours)
EDA 584 Internship (3)
EDA 684 Internship (3)

Culminating Experience (3 credit hours)
EDA 593 Applied Project (3)

Additional Curriculum Information
All students participate in a two-semester, school-based internship that provides the opportunity to apply new learning and research in a K-12 setting. Students must be employed in a school-based position or have access to an ASU- and district-approved school placement that serves as the laboratory of practice.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and have at least two years of pre-K through grade 12 teaching experience as a teacher of record.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and one of the letters must be from a current immediate supervisor who is a principal, assistant principal or the equivalent.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-educational-leadership-principalship/)

Career Opportunities:
Graduates of this rigorous, standards-based leadership preparation program have the expertise to become transformative administrators or teacher leaders. They have decision-making skills rooted in professional self-awareness, effective collaboration and critical reasoning.

Career examples include:

  • assistant principal
  • principal
  • school administrator
  • team lead (K-12 school)

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Educational Policy, MA (EDSPFMA)

Online Degree Search Title: Educational Policy, MA
Campus: Tempe

Program Description:

The MA program in educational policy is suited for individuals who want to deepen their understanding of how to translate research to policy and practice, communicate and engage with stakeholders and propose effective research-based policies. Students also develop fundamental skills in analyzing and interpreting educational data.

This program is formatted as a cohort model. It provides a supportive environment for students to take a sequence of core courses with their peers, and to learn from professors who are experts in their fields. The program also provides students with the flexibility to select elective courses and individualize their experience to suit their unique interests and aspirations.

In the culminating experience in the final semester, students design and execute an individual or group project that utilizes their new knowledge and applied research skills.

Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

30 credit hours including an applied project (EPA 593).

Required Core (15 credit hours)
EPA 532 Becoming an Informed Consumer of Education Research (3)
EPA 555 Translating Research for Educational Change (3)
EPA 556 Data Analysis for Education Decision Makers (3)
EPA 559 Systematic Inquiry for Problem Solving (3)
EPA 565 Critical Topics in Education Policy (3)

Restricted Elective or Research (12 credit hours)

Culminating Experience (3 credit hours)
EPA 593 Applied Project (3)

Additional Curriculum Information
For electives or research, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Career Opportunities:
Graduates are prepared to expand or pursue careers that involve the use and interpretation of data. This program is also suited for students who want to pursue doctoral credentials in education after graduation.

Career examples include:

- grants administrator
- policy analyst
- program and project manager
- research and data analyst

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Educational Policy and Evaluation, PHD (EDLDRSHPHD)

Online Degree Search Title: Educational Policy and Evaluation, PhD
Campus: Tempe

The GRE requirement is waived for Fall 2023 applications.

Program Description:
The PhD program in educational policy and evaluation prepares scholars to conduct rigorous, high-impact and transdisciplinary research on education policies that advance the educational conditions in preK-20 and other educational environments.

Doctoral students in the educational policy and evaluation program engage in systematic analyses of education policies and practices in a variety of settings, including schools, universities, research centers, government agencies and nongovernmental organizations.

The program emphasizes intensive training in the theory, methods and implementation of education policy with a focus on research and evaluation. Students pursue an area of specialization supported by faculty expertise.

Educational policy and evaluation students work closely with nationally and internationally recognized faculty members on collaborative and independent research projects that result in scholarly articles, policy briefs, reports and engagement in education policy. The program also provides opportunities for internships in applied settings and experiences in scholarly publishing to influence the field.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Of the 84 credit hours required for the degree, 54 must be earned at ASU and 24 of the ASU credit hours must be earned in research and dissertation courses. The coursework includes classes in evaluation, policy analysis, research methods and an area of specialization. Students entering the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the 84 credit hours. In addition, with program and Graduate College approval, a student may use up to 12 additional credit hours toward the doctorate if documentation is provided showing that those credit hours were not part of the master's degree.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution or an international equivalent as determined by Graduate Admissions.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • GRE scores
  • academic writing sample
  • curriculum vitae
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

There are no minimum required GRE scores.

Career Opportunities:
Students gain the knowledge and skills to pursue careers as education researchers who advance the collective understanding of education policy for preK-20 and other education environments.

Career examples include:

  • policy analyst
  • professor
  • program evaluator
  • researcher

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Educational Technology, PHD (EDTECHPHD)
Online Degree Search Title: Educational Technology, PhD
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The focus of the PhD program in educational technology is on the design, development and evaluation of instructional systems and on educational technology applications that support learning. The doctoral program emphasizes research using educational technology in applied settings.

Degree Requirements:
84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Courses (24 credit hours)
EDP 540 Learning Theories and Instructional Strategies (3)
EDP 552 Multiple Regression and Correlation Methods (3)
EDP 554 Analysis-of-Variance Methods (3)
EDT 501 Foundations of Learning Design and Technologies (3)
EDT 502 Design and Development of Instruction (3)
EDT 503 Design of Effective Communications (3)
EDT 504 Modalities of Learning (3)
EDT 506 Evaluation of Learning Systems (3)EDT 701 Research in Educational Technology (3)

Elective Courses (30 credit hours)
Students select a minimum of 30 credit hours of elective coursework in consultation with a faculty advisor or doctoral committee chair.

Practicum Hours (6 credit hours and research, below)
Students must earn at least 18 credit hours for practicum courses. Students complete three different practica while in the program: instructional design (typically EDT 780 Practicum for three credit hours), teaching (typically EDT 680 Practicum for three credit hours), and a research practicum.

Research (12 credit hours)

Culminating Experience (12 credit hours)
EDT 799 Dissertation (12)

Admission Requirements:
Applicants must fulfill requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three email addresses for professional recommendations
• personal statement
• resume
• GRE scores
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The Mary Lou Fulton Teachers College requires a minimum score of 600 (paper-based) or 100 (internet-based) on the TOEFL.

Scores of 500 or above on the verbal reasoning and quantitative reasoning sections of the GRE are required as well as a score of four or greater on the analytical writing section of the GRE.

Career Opportunities:
The program prepares students for a variety of professional positions. Graduates are employed as faculty, educational technologists or instructional designers in universities, community colleges and schools or as training managers in corporate settings.

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division

Elementary Education, MEd (TEELEMMED)

Online Degree Search Title: Elementary Education
Campus: Online

Program Description:
The MEd program in elementary education prepares students to start a career teaching grades K-8. It is designed for individuals who do not need to obtain teacher certification. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

All courses are offered remotely, and students select one of two modalities:

 • ASU Sync offers regularly scheduled evening classes via synchronous learning over Zoom. Instructors and students are not in the same physical space but do meet at the same time, offering a live learning experience with peers and faculty. Students completing the program through ASU Sync must be admitted to the ASU Tempe campus even though classes do not meet on campus. ASU Sync students need to reside in Arizona throughout the duration of the program.
 • ASU Online offers classes via asynchronous instruction. Instructors and students are not in the same physical space and do not meet at the same time, allowing students to complete coursework on their own schedules. Students completing their program through ASU Online must be admitted to the online campus.

This program can be taken in three continuous semesters, allowing students to complete the program in one year. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts. The program culminates in an action research project in which students apply what they've learned to address a challenge in education.

The master's degree program does not lead to teacher certification. Students interested in certification should enroll in the Master of Education program in elementary education with a concentration in teacher certification or in the teacher certification graduate certificate program.

ASU Sync
Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
34 credit hours including the required applied project course (EED 593).

Required Core (8 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Electives (3 credit hours)

Other Requirement (20 credit hours)
EED 529 Science Methods and Assessment (2)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
EED 534 Social Studies Methods and The Arts (2)
EED 537 K-8 Mathematics Methods and Assessment (3)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)
TEL 540 Cultivating Networks of Culturally Responsive Relationships Among Families, Communities and Cultures (2)

TEL 570 Educator Scholar Community I (1)
TEL 571 Educator Scholar Community II (1)

Culminating Experience (3 credit hours)
EED 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any content area or education-related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • professional resume
 • personal statement
 • proof of English proficiency
 • three professional references

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The following are accepted to meet this requirement:

 • TOEFL: Applicants must have a score of at least 90 on the internet-based test (iBT), with scores on the speaking and writing portions in the high fair--good range (22-30). ASU's institutional code is 4007. Only electronic copies of scores are accepted.
 • IELTS: Applicants must have an overall band score of at least 6.5 with speaking and writing portions needing to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the graduate degree and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement. The statement should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities. The resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/elementary-education-masters/)

Career Opportunities:
Graduates are prepared to start or advance in educational careers working with children in grades K-8 in roles that do not require certification. Students gain skills in instruction, assessment, educational research and collaborating in teams --- all of which prepares them to work successfully in schools and other community-serving organizations. Roles may include noncertified educators in charter or private schools or educators in non-school settings

This program may also be suitable for certified teachers who do not have an undergraduate or graduate degree in education.

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
FAB 200
GradEducation@asu.edu
480-965-9995

Elementary Education (Teacher Certification), MEd (TEEEACLMED)

Online Degree Search Title: Elementary Education (Teacher Certification), MEd
Campus: Online

Program Description:
The MEd program in elementary education with a concentration in teacher certification is for those who already hold a bachelor's degree in any field and want to become licensed to teach grades K-8. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

All courses are offered remotely, and students select one of two modalities:

 • ASU Sync offers regularly scheduled evening classes via synchronous learning over Zoom. Instructors and students are not in the same physical space but do meet at the same time, offering a live learning experience with peers and faculty. Students completing the program through ASU Sync must be admitted to the ASU Tempe campus, even though classes do not meet on campus. ASU Sync students need to reside in Arizona throughout the duration of the program.
 • ASU Online offers classes via asynchronous instruction. Instructors and students are not in the same physical space and do not meet at the same time, allowing students to complete coursework on their own schedules. Students completing the program through ASU Online must be admitted to the online campus.

This program can be taken in three continuous semesters allowing students to complete the program in one year. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

A series of professional experiences assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

This program offers two routes leading to Arizona teacher certification:

 • In the traditional certification route, students conduct one internship or teaching residency per semester for at least three semesters. They begin by completing an internship in a local school and then progress to a full-time teaching residency.
 • The alternative certification route provides an alternative pathway to teacher certification for individuals who are currently employed full-time by a school as a teacher of record. To qualify, individuals must secure a full-time teaching position in an approved content and grade level.

The coursework is the same in both certification routes and culminates in an action research project in which students apply what they've learned to address a challenge in their classroom.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Elementary Education, K-8. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

ASU Sync

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
40 credit hours including the required applied project course (EED 593) - Traditional Certification, or 40 credit hours including the required applied project course (EED 593) ¿ Alternative Certification.

Required Core (8)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Concentration (20 credit hours)
EED 529 Science Methods and Assessment (2)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
EED 534 Social Studies Methods and The Arts (2)
EED 537 K-8 Mathematics Methods and Assessment (3)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)
TEL 540 Cultivating Networks of Culturally Responsive Relationships Among Families, Communities and Cultures (2)
TEL 570 Educator Scholar Community I (1)
TEL 571 Educator Scholar Community II (1)

Other Requirements (6 credit hours)

Elective (3 credit hours)

Culminating Experience (3 credit hours)
EED 593 Applied Project (3)

Additional Curriculum Information
Students select one of the alternative certification or traditional certification pathways.

Alternative pathway students choose six credit hours of apprentice teaching and internship as their other requirement coursework from a pre-approved list. At least four credits must be apprentice teaching.

Traditional pathway students choose six credit hours from internship and student teaching as their other required coursework from a pre-approved list. At least two credits must be internship and at least two credits must be student teaching.

Students should see the academic unit for the appropriate other required and elective coursework.

If a student plans to switch pathways mid-program, the student must reach out to the academic unit for appropriate advisement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • personal statement
 • resume
 • IVP fingerprint clearance card issued by the state of Arizona
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-elementary-education-teacher-certification/)

Career Opportunities:

Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Students gain skills in teaching, conducting research, utilizing technology and collaborating in teams --- all of which prepares them to succeed in educational careers working with learners in grades K-8.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
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ED 118
GraduateEducation@asu.edu
480-965-9995

Gifted Education (Certificate), Certificate (TEGEDGRCT)

Online Degree Search Title: Gifted Education (Graduate Certificate)
Campus: Online

Program Description:
The graduate certificate program in gifted education provides the theory and pedagogy needed to identify and serve gifted children. This program is for teachers, school administrators, school psychologists, early interventionists and family members who want to strengthen their ability to work with this population of learners.

Students of the program learn how to identify learning potential and address specific needs of gifted and talented students. They have an understanding of gifted students' affective and academic needs and know how to design and provide appropriately challenging, differentiated curriculum and instruction.

Students learn how to develop a continuum of gifted programs and services, work with school administrators, teachers, school boards and parents, and are able to advocate for gifted students at local and national levels.

The program also provides coursework in gifted education required for the Gifted Education (K-12) endorsement from the Arizona Department of Education. Students should refer to the Arizona Department of Education website for additional requirements.

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)
SPE 585 Creativity: Foundations of Research and Development in Gifted Education (3)
SPE 586 Advising the Gifted Learner: Social and Emotional Needs (3)
SPE 587 Special Populations in Gifted Education (3)
SPE 588 The Gifted Learner: Foundations of Identification, Education and Development (3)

Electives (3 credit hours)
SPE 572 Testing and Measurement in Gifted Education: Methods (3)
SPE 573 Differentiating Instruction for Gifted Learners: Teaching Methods (3)
SPE 589 Gifted Education Programming: Models, Methods and Services (3)

Additional Curriculum Information
Students choose one course from SPE 572, SPE 573 or SPE 589 to complete the elective requirement.

There is no culminating experience required for this certificate program.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, preferably in education or a related field from a

regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/TEGEDGRCT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/TEGEDGRCT/Gedt.pdf).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-gifted-education/)

Career Opportunities:
Students gain skills in creating and strengthening gifted programs, developing instructional methods, advocating for learners and working with school districts and families.

Contact Information:
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Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
602-543-6358

Global Education, MEd (TEGLOEDMED)

Online Degree Search Title: Global Education, MEd
Campus: Online

Program Description:
The MEd program in global education prepares professionals working in the field of international and comparative education to identify, analyze and address contemporary problems that cross borders, cultures and disciplines in a variety of educational settings.

This program is directed at individuals currently working in or interested in international education, especially those charged with the administration, planning and evaluation of educational programs and policies. Students gain a deeper understanding of the complex and dynamic relationship between global and local perspectives, develop practical solutions for key challenges and experience working collaboratively across disciplines.

Degree Requirements:
30 credit hours including the required applied project course (GLE 593).

Required Core (18 credit hours)
GLE 501 Global Thinking in Education (3)
GLE 502 Inquiry in Global Education (3)
GLE 503 Evaluating Global Education Policies and Programs (3)
GLE 504 Exploring Global Education Issues in the Global Education Literature (3)
GLE 505 Evidence in Global Education Inquiry (3)
GLE 506 Applied Inquiry in Global Education: Developing Proposals for Field Research (3)

Electives or Research (9 credit hours)

Culminating Experience (3 credit hours)
GLE 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in global education, comparative education or other related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • three letters of recommendation
 • personal statement
 • professional resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must complete a personal statement that describes their background including the personal, educational and professional experiences that led them to apply to this program. Applicants should follow the specific prompt found in the application.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/global-education-med/)

Career Opportunities:
Students in this program gain skills needed for leading in the education sector and continuously improving it. They are equipped with the research and analysis skills that enable them to gather evidence to inform, design and improve practices to strengthen systems that provide quality education for diverse populations. This prepares them to expand or pursue a variety of careers in international education.

Career examples include:

 • global education subject matter expert
 • policy analyst
 • program and project manager
 • school administrator

Contact Information:
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480-965-5555

Higher and Postsecondary Education, MEd (EDPOSTMED)
Online Degree Search Title: Higher and Postsecondary Education, MEd
Campus: Downtown Phoenix, Tempe

Program Description:
The MEd program in higher and postsecondary education is designed to facilitate the professional development of those who work in colleges and universities in administrative roles, as well as academic support and student support positions.

The program develops leaders who have a strong understanding of the theory and practice of higher education administration; possess the ability to

analyze issues confronting contemporary colleges and universities; and can exercise innovative and effective decision-making.

Coursework addresses a range of practice-focused topics in the field, including the following: the history of higher education in the United States; organizational characteristics of colleges and universities; important laws and policies pertaining to administrative practice in higher education; how colleges and universities are funded; how to work successfully with diverse stakeholders in contemporary higher education; and how to collect and use data to improve decision-making.

This 30 credit-hour, 10-course program is offered on a 7.5-week calendar in fall and spring semesters (six weeks in summer). Students may enroll part time or full time.

Most courses are offered in a hybrid format with 50% of the content delivered face-to-face (weekday evenings) and 50% delivered through independent or technology-supported learning experiences and fieldwork.

This program culminates with the creation and presentation of an applied project in which students demonstrate their understanding of critical issues in higher education and how to collect and use data to improve their professional practice. The project is also designed to promote graduates' career advancement in higher and postsecondary education settings.

Degree Requirements:
30 credit hours including the required applied project course (HED 593).

Required Core (9 credit hours)

Foundation Courses (18 credit hours)

Culminating Experience (3 credit hours)
HED 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • resume
  • proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Career Opportunities:
Graduates of the program have acquired skills in analyzing issues in higher education, working with diverse stakeholders, conducting research and making data-driven decisions, all of which prepare them to expand or pursue administrative roles at colleges and universities.

Career examples include:

- college program director
- student affairs leader
- student life leader
- student services staff

Contact Information:
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ED 120
GradEducation@asu.edu
480-965-9995

Institutional Research and Policy Analysis (certificate), Certificate (EDINSRESCE)

Online Degree Search Title: Institutional Research and Policy Analysis (Graduate Certificate)
Campus: Tempe

Program Description:
The graduate certificate in institutional research and policy analysis provides participants with the training needed to critically assess education programs and policies, as well as engage in data-driven decision-making. Students analyze data from applied settings, including their own schools or organizations.

This certificate program allows students to glean insights from data that help them make effective decisions in classrooms, schools, districts and other organizations; present reliable and pertinent data to their colleagues and administrators; and develop analyses that can help them identify instructional changes aimed at improving student achievement.

Degree Requirements:
15 credit hours.

Required Courses (15 credit hours)
EPA 532 Becoming an Informed Consumer of Educational Research (3)
EPA 555 Translating Research for Educational Change (3)
EPA 556 Data Analysis for Education Decision Makers (3)
EPA 559 Systematic Inquiry for Problem Solving (3)
EPA 565 Critical Topics in Education Policy (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement should describe the applicant's interests and reason for seeking this degree

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/EDINSRESCE/Gedt.pdf (https://catalog.asu.edu/files/disclosures/EDINSRESCE/Gedt.pdf).

Career Opportunities:
Students gain skills in assessing education programs and policies, synthesizing research literature and conducting applied research. This prepares them to expand or pursue careers that involve the use and interpretation of data. This program is also suited for students who want to pursue doctoral credentials in education after graduation.

Career examples include:

- curriculum leader
- policy analyst
- program and project manager
- research and data analyst
- teacher administrator

Contact Information:
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Instructional Design and Performance Improvement (certificate), Certificate (EDEDTGRCT)

Online Degree Search Title: Instructional Design and Performance Improvement (Graduate Certificate)
Campus: Tempe, Online

Program Description:
The graduate certificate program in instructional design and performance improvement prepares students to advance technology-based learning initiatives. Students study the creation of instructional plans and materials and combine theories in education, psychology and communication to create effective teaching solutions for adult learners.

Coursework in effective communication and leadership supports each student's professional growth, and integrating this coursework into applied projects prepares them for careers focused on optimizing learning. Students learn how to identify gaps in the performance of individuals, teams or organizations, as well as how to develop methods to close those gaps and improve performance and efficiency.

The information covered in this program does not prepare graduates to teach in a K-12 classroom, though educators with a secondary role in their district --- such as creating or conducting professional development experiences, or as a technology coordinator or trainer --- can benefit from this certificate. Students can pursue this graduate certificate while enrolled in other graduate programs at ASU.

Degree Requirements:
15 credit hours.

Required Core (12 credit hours)
EDT 501 Foundations of Learning Design and Technologies (3)
EDT 502 Design and Development of Instruction (3)
EDT 503 Design of Effective Communications (3)
EDT 523 Issues in Online and Distance Education (3)

Other Requirement (3 credit hours)
EDT 504 Modalities of Learning (3) or
EDT 507 Performance Improvement and Leadership (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this degree
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/EDEDTGRCT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/EDEDTGRCT/Gedt.pdf).

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/instructional-design/)

Career Opportunities:
The field of instructional and learning design is continuing to expand as organizations seek to develop more of their training in online and hybrid formats. Preparation in instructional design positions graduates to work in school districts, universities, or in an organization training employees or customers, to design online courses, coach instructors and develop new computer-based learning methods.

Students completing this certificate program broaden their instructional and learning design expertise for future advancement in their fields including:

• curriculum developer
• distance or blended learning professional
• instructional designer
• instructional technologist
• learning designer
• LMS administrator
• online learning specialist
• online training manager
• technology integration specialist

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
602-543-6358

Leadership and Innovation, EdD (TELINEDD)
Online Degree Search Title: Leadership and Innovation, EdD
Campus: West, Online

Program Description:
The EdD program in leadership and innovation prepares scholarly practitioners and is designed for practicing educator-leaders who work in a range of settings and who want to transform and improve their practice to create better learning opportunities for students of all ages.

This three-year, cohort-based program is offered in two modalities - Hybrid (a combination of classes delivered at West campus and online) and 100-percent online - with similar coursework and structure and taught by the same faculty.

Students begin as accomplished teachers, teacher leaders, principals, superintendents, higher education professionals or leaders in other educational contexts. Through coursework, students deepen their abilities to lead change and implement innovation in their local educational organizations.

The program focuses on action research and includes required coursework abilities to reflectively and critically think about problems of practice in one of the following contexts: preK-12 change leadership; higher education change leadership; or systems, professional and reimagined change leadership.

Differentiation among these contexts and students' interests occurs within the required coursework.

Students conduct multiple cycles of inquiry throughout the program and learn research within their own workplace. They share their research at the end of each academic year through presentations in a public doctoral research conference.

Leader-scholar communities, formed at the end of the first year and consisting of five to seven students and one faculty member, meet regularly for the second and third years of the program to supply academic and personal support. Through LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Each student's LSC leader serves as the dissertation chair, along with two additional committee members who ultimately make up the doctoral committee.

Successful graduates make a commitment to continuing systematic study of their professional practice and sustaining innovation and leadership by making a positive difference in their local settings. The program aims to enable more thoughtful, intentional and informed leaders who are willing and able to implement and study continuous improvement.

The program makes a difference in the way a student thinks and works as a leader in education, for the immediate and local benefit of school children, adult learners, schools or other organizations, and local communities. It is not designed to prepare students for academic research-oriented tenure-track positions.

Degree Requirements:
90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

Research (9 credit hours)

Advanced Professional Studies (6 credit hours)

Directed Field-based Study (3 credit hours)

Participation in Leader-Scholar Communities (6 credit hours)

Dissertation (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

Students register for required research and dissertation hours as part of the Leader-scholar Communities requirement.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 90 credit hours.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- an academic writing sample
- curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reasons for seeking this degree, along with potential problems of practice to serve as a guide for applied research in the program.

GRE scores are not required for admission.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/edd-leadership-and-innovation/)

Career Opportunities:

Students gain skills in thinking critically about problems of practice, designing and conducting action research, collaborating with teams in leader-scholar communities and leading change in an educational organization. This prepares them to expand or pursue leadership positions in pre-K-12 schools and higher education institutions.

Career examples include:

- community college leader
- educational consultant
- educational professional developer
- principal
- superintendent
- teacher leader
- university administrator

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
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Leadership and Innovation (Policy and Administration), EdD (TEINNPAEDD)

Online Degree Search Title: Educational Leadership and Innovation (Policy/Admin), EdD
Campus: West

ASU is not currently accepting applications for this program.

Program Description:

The EdD program in leadership and innovation is designed for practicing educator-leaders who want to participate in creating better learning opportunities for students of all ages in a range of settings with the ultimate goal of transforming the practice of education.

The focus of the program is research in action. Students conduct multiple studies throughout the program to learn by doing and to influence change based on scholarship applied in their workplace.

Students in the program begin as accomplished teachers, teacher leaders, principals and superintendents, and edupreneurs or higher education professionals. Through their learning, they deepen their abilities to lead and innovate in educational organizations. The program is not designed to prepare students for academic tenure-track positions.

The cohort-based program begins in summer with an introduction to doctoral studies and the formation of a professional learning community that

draws on the strengths of all group members.

Required courses are team-taught by faculty and require students to conduct research in their workplace, laying the foundation for the culminating project: the action research study documented in the dissertation.

Leader-scholar communities, formed at the end of the first year and consisting of five to seven students and two faculty members, meet regularly for the second and third years of the program. Students register for required research and dissertation hours as part of the LSC requirement.

Through these LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Students share their research at the end of each semester through roundtables, posters and symposia in a public research day.

Successful graduates have made a commitment to continuing systematic study of their professional practice and making a positive difference in their local workplaces putting their research in action. The program aims to enable more thoughtful, intentional and informed leaders, willing and able to implement and study change.

The program can make a difference in the way a student thinks and works as a leader in education, for the immediate and local benefit of school children, adult learners, the student's school or organization, the community and the world.

Degree Requirements:
90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation (including a Master's degree and 60 credit hours post-Masters).

required core (15 credit hours)
research core (9 credit hours)
advanced professional studies (15 credit hours)
directed field-based study (3 credit hours)
participation in leader-scholar communities (6 credit hours)
dissertation (12 credit hours)

Admission Requirements:
The concentration in policy and administration under the doctoral program in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

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Leadership and Innovation (Teaching), EdD (TEINNTEEDD)
Online Degree Search Title: Educational Leadership and Innovation (Teaching), EdD
Campus: West

ASU is not currently accepting applications for this program.

Program Description:
The EdD program in leadership and innovation is designed for practicing educator-leaders who want to participate in creating better learning opportunities for students of all ages in a range of settings with the ultimate goal of transforming the practice of education.

The focus of the program is research in action. Students conduct multiple studies throughout the program to learn by doing and to influence change based on scholarship applied in their workplace.

Students in the program begin as accomplished teachers, teacher leaders, principals and superintendents, and edupreneurs or higher education professionals. Through their learning, they deepen their abilities to lead and innovate in educational organizations. The program is not designed to prepare students for academic tenure-track positions.

The cohort-based program begins in summer with an introduction to doctoral studies and the formation of a professional learning community that draws on the strengths of all group members.

Required courses are team-taught by faculty and require students to conduct research in their workplace, laying the foundation for the culminating project: the action research study documented in the dissertation.

Leader-scholar communities, formed at the end of the first year and consisting of five to seven students and two faculty members, meet regularly for the second and third years of the program. Students register for required research and dissertation hours as part of the LSC requirement.

Through these LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Students share their research at the end of each semester through roundtables, posters and symposia in a public research day.

Successful graduates have made a commitment to continuing systematic study of their professional practice and making a positive difference in their local workplaces putting their research in action. The program aims to enable more thoughtful, intentional and informed leaders, willing and able to implement and study change.

The program can make a difference in the way a student thinks and works as a leader in education, for the immediate and local benefit of school children, adult learners, the student's school or organization, the community and the world.

Degree Requirements:
90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation (including a Master's degree and 60 credit hours post-Masters).

professional core (15 credit hours)
research core (9 credit hours)
advanced professional studies (15 credit hours)
directed field-based study (3 credit hours)
participation in leader-scholar communities (6 credit hours)
dissertation (12 credit hours)

Admission Requirements:
The concentration in leadership of teaching innovation under the doctoral program in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

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Learning Design and Technologies, MEd (EDTECHMED)
Online Degree Search Title: Learning Design and Technologies, MEd
Campus: Online

Program Description:
The MEd program in learning design and technologies prepares students to build critical competencies related to designing effective online learning. It prepares students to use technology effectively to meet the needs of learners.

This program centers on the development and review of educational structures and emphasizes the design of learning environments, systems, applications and instructional materials. Students gain skills in planning, designing, implementing and evaluating instruction for multiple learning contexts.

Students take on education challenges and apply knowledge gained through coursework to a variety of projects, with a key area of focus formed around cutting-edge educational technology.

All courses are taught online and combine a range of resources and technologies to facilitate direct interaction between students, program faculty and classmates.

Degree Requirements:
30 credit hours including the required applied project course (EDT 593).

Required Core (24 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)
EDP 540 Learning Theories and Instructional Strategies (3)
EDT 501 Foundations of Learning Design and Technologies (3)
EDT 502 Design and Development of Instruction (3)
EDT 503 Design of Effective Communications (3)
EDT 504 Modalities of Learning (3)
EDT 506 Evaluation of Learning Systems (3)
EDT 523 Issues in Online and Distance Education (3)

Elective (3 credit hours)

Culminating Experience (3 credit hours)
EDT 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-learning-design-technologies/)

Career Opportunities:
As digital education grows increasingly important in both academic and business settings, there will be increasing demand for skilled educators who can thoughtfully and effectively integrate technology with pedagogy and instruction. This program prepares learning design and technology professionals for a variety of settings in business, industry, museums, nonprofits, government organizations as well as education settings, such as K-12 schools, colleges or universities. This prepares students for careers in traditional education, instructional design, corporate training and more.

Career examples include:

  • curriculum designer or developer
  • distance learning director
  • e-learning developer
  • instructional designer
  • online teacher, mentor or trainer
  • technology integration specialist
  • training specialist, coordinator, manager or director

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Learning Sciences, MA (EDPSYCHMA)

Online Degree Search Title: Learning Sciences, MA
Campus: Tempe

Program Description:
The MA program in learning sciences emphasizes an understanding that learning happens in many places other than traditional school settings, and doing so focuses on the power of design thinking to improve educational systems.

The curriculum's systems-level approach includes cognitive, social and contextual factors as well as the interactions among them.

Individualized guidance provides students with the support they need to succeed in today's rapidly evolving educational environment. Students work with faculty to determine whether they'll conduct an applied project or complete a research thesis study. Applied projects provide evidence of mastery of the skills and knowledge obtained through the program, while a thesis project requires students to complete a research study within an area of inquiry in the learning sciences and also has the potential for scholarly recognition.

This program does not lead to teacher certification but can prepare graduate students for doctoral credentials in education after graduation.

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Educational Studies, BAE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:
30 credit hours including the required applied project course (LSE 593), or 30 credit hours, a thesis and a written comprehensive exam.

Required Core (3 credit hours)
LSE 540 Theoretical Views of Learning in the Learning Sciences (3)

Electives or Research (21-24 credit hours)

Culminating Experience (3-6 credit hours)
LSE 593 Applied Project (3) or
LSE 599 Thesis (6)

Additional Curriculum Information
With advisor approval, EDP 540 may be taken in place of LSE 540 for the core requirement.

Students completing an applied project for their culminating experience take 24 credit hours of electives or research courses.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts

- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and the personal statement should describe the applicant's interests and reason for seeking this degree.

Career Opportunities:
Students gain skills in facilitating learning using an interdisciplinary approach, drawing upon cognitive science, educational psychology, computer science, anthropology, sociology, information sciences, neurosciences, instructional design and more. This prepares students to expand or pursue a variety of educational careers tailored to their professional goals.

Graduates of the program are equipped to design effective learning and teaching systems in a broad range of settings such as museums, libraries, workplaces and schools. The program prepares graduates to become leaders in the development, integration and improvement of these systems.

Career examples include:

- educational and interactional designer
- educator in community organization
- educator in educational institution
- training specialist, coordinator, manager or director

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Learning, Literacies and Technologies, PHD (EDCIPHD)
Online Degree Search Title: Learning, Literacies and Technologies, PhD
Campus: Tempe

The GRE requirement is waived for Fall 2023 applications.

Program Description:
The PhD program in learning, literacies and technologies is designed to prepare scholars who address socially significant educational programs and transform preK-20 educational programs through rigorous research, transdisciplinary engagements and educational interventions. Students rely on multiple theoretical and methodological perspectives to explore, influence and transform educational institutions and their practices.

Students begin engaging in research studies during their first semester and continue throughout the four-year program. Faculty with diverse disciplinary backgrounds collaborate with doctoral students, individually and in teams, to design powerful studies, implement them in authentic settings, collect and analyze data, write research reports, and present and publish research primarily in academic journals.

Academic study and research in the learning, literacies and technologies program focuses on the nature of curriculum learning and literacies for diverse learners in various educational contexts. Furthermore, students in this program examine how the use of technologies can support learning, design learning environments and understand the conditions under which learning occurs.

Students develop areas of specialization with faculty advisors and doctoral committee members, work at the cutting edges of educational research, and thus lead the way to innovate and explore how new technologies can assist literacies for various learning contexts.

Degree Requirements:
85 credit hours,a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)
DCI 701 Transdisciplinary Seminar I (3)

DCI 702 Transdisciplinary Seminar II (3)
DCI 706 Academic Writing (3)

Specialization (15 credit hours)

Research (12 credit hours)
COE 503 Introduction to Qualitative Research (3)
DCI 752 Quantitative Research Design (3)
advanced research methods course (6)

Electives (37 credit hours)

Culminating Experience (12 credit hours)
DCI 799 Dissertation (12)

Additional Curriculum Information
Students entering the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the 85 credit hours. In addition, with program and Graduate College approval, a student may use up to 12 additional credit hours toward the doctorate if documentation is provided showing that those credit hours were not part of the master's degree.

As part of electives, students complete seven credit hours of inquiry courses selected in consultation with the program advisor.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All Applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • GRE scores
 • three letters of recommendation
 • personal statement
 • an academic writing sample
 • curriculum vitae
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Career Opportunities:
The program graduates educational researchers who serve as scholars, leaders and teacher educators engaged in the design, development and use of literacies and technologies that promote learning. Graduates are stewards of their educational field, working across disciplinary boundaries to address the learning challenges of the new millennium.

Career examples include:

 • college program director
 • educator
 • instructional designer
 • instructional specialist
 • professor
 • researcher
 • teacher educator

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Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)

Online Degree Search Title: Online Teaching for Grades K-12 (Graduate Certificate)
Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program Description:
This certificate program prepares educators to design systems for learning within a broad range of organizations. The curriculum includes practical application of research on learning, design methods and organizational dynamics.

Students who complete the certificate program are prepared to be effective members and leaders of teams who redesign education in pre K-20 and other settings.

Degree Requirements:
15 credit hours including the required capstone course (EDT 580).

The certificate requires five courses, each consisting of three credit hours. The culminating experience is an electronic portfolio that is completed in EDT 580.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
 • graduate admission application and application fee
 • official transcripts
 • personal statement describing the applicant's interests and reason for seeking this degree
 • resume
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

GRE scores are not required for admission.

Applicants should have at least one year of professional education experience.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/TEEDTGRCT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/TEEDTGRCT/Gedt.pdf).

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Physical Education, MPE (ECPHYEDMPE)

Online Degree Search Title: Physical Education, MPE
Campus: Polytechnic

Program Description:
The MPE program prepares students to successfully teach and conduct research on quality physical education programs for learners in preschool through grade 12.

This flexible program allows students to design a program of study that enhances their interests and professional specializations. There are three program options:

  • The teacher certification route provides the coursework and professional experiences necessary for students to obtain certification to teach physical education in Arizona public schools after graduation. Students in this route take a total of 58 credit hours --- 33 credits for the master's degree and 25 credits for teacher certification coursework. Students complete internships prior to a full-time student teaching residency.
  • The physical education endorsement route familiarizes students with the most current trends and issues in school physical education. Students can focus on numerous topics within elementary physical education, secondary physical education and adapted physical education. This option may be of interest to students who already have a teaching certificate in a different subject area and are interested in earning a physical education endorsement. Students in this route take 33 credit hours and complete the coursework required for the Physical Education PreK-12 endorsement through the Arizona Department of Education.
  • The pedagogy research route is appropriate for students interested in learning more about research on teaching in physical education and other related physical activity settings. This track may be of interest to students who already have a teaching certificate in physical education and are interested in pursuing doctoral studies in the future. Students in this route take 33 credit hours.

Students in all three options learn about designing, implementing and assessing comprehensive school physical activity programs. This type of programming reflects current global trends in promoting physical activity for children, youth, school staff and families in communities surrounding school campuses.

Graduates from the teaching certification route earn an institutional recommendation from ASU for Arizona teacher certification in Secondary Education, 6--12, along with a physical education endorsement, grades PreK--12, from the Arizona Department of Education. In addition, teacher candidates must pass the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Degree Requirements:
33 credit hours including the required applied project course (PPE 593) and a written comprehensive exam.

The Master of Physical Education degree program has three tracks.

Physical Education K-12 Teaching Track: (33 credit hours)
required core (24 credit hours)
electives (6 credit hours)
applied project (3 credit hours)

Physical Education Pedagogy Research Track: (33 credit hours)
required core (24 credit hours)
electives (6 credit hours)
applied project (3 credit hours)

Physical Education Initial Teacher Certification Track: (33 credit hours)*
required core (24 credit hours)
electives (6 credit hours)
applied project (3 credit hours)
*additional courses are required for certification

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- IVP Fingerprint Clearance Card issued by the State of Arizona
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information, applicants should visit the Admission Services webpage: https://admission.asu.edu/international/graduate/english-proficiency (https://admission.asu.edu/international/graduate/english-proficiency).

The letters of recommendation should be from individuals who can speak to the applicant's qualifications and potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought-out educators in public, charter and private education institutions. Students gain skills in teaching, conducting research and collaborating in teams --- all of which prepare them for success in educational careers focused on physical activity, health and wellness.

Career examples include:

- coach
- educator in community organizations
- educator in educational institutions
- fitness instructor
- teacher

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

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Secondary Education, MEd (TESECEDMED)
Online Degree Search Title: Secondary Education, MEd
Campus: Online

Program Description:
The MEd program in secondary education prepares students to start a career teaching grades 6-12. It is designed for individuals who do not need to obtain teacher certification. The program builds on connections between educational design and decision-making and is designed to foster strong

professional growth and leadership development.

All courses are offered remotely, and students select one of two modalities:

   • ASU Sync offers regularly scheduled evening classes via synchronous learning over Zoom. Instructors and students are not in the same physical space but do meet at the same time, offering a live learning experience with peers and faculty. Students completing the program through ASU Sync must be admitted to the ASU Tempe campus, although classes do not meet on campus. ASU Sync students need to reside in Arizona throughout the duration of the program.

   • ASU Online offers classes via asynchronous instruction. Instructors and students are not in the same physical space and do not meet at the same time, allowing students to complete coursework on their own schedules. Students completing their program through ASU Online must be admitted to the online campus.

This program can be taken in three continuous semesters allowing students to complete the program in one year. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

The program culminates in an applied action research project in which students apply what they've learned to address a challenge in education.

The master's degree does not lead to teacher certification. Students interested in certification should enroll in the Master of Education program in secondary education with a concentration in teacher certification or the teacher certification graduate certificate program.

ASU Sync

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
32 credit hours including the required applied project course (SED 593).

Required Core (8 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Electives (3 credit hours)

Other Requirement (18 credit hours)
SED 510 General Methods and Assessment (4)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 532 Literacy Across the Disciplines (3)
TEL 540 Cultivating Networks of Culturally Responsive Relationships Among Families, Communities and Cultures (2)
TEL 570 Educator Scholar Community I (1)
TEL 571 Educator Scholar Community II (1) AND
SED 511 ELA Methods and Assessment (4) or SED 512 Secondary Mathematics Methods and Assessment (4) or SED 513 Science Teaching Methods for Secondary School (4) or SED 514 Methods of Teaching Secondary Social Studies (4)

Culminating Experience (3 credit hours)
SED 593 Applied Project (3)

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any content area or education-related field

from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
- graduate admission application and application fee
- official transcripts
- professional resume
- personal statement
- proof of English proficiency
- three professional references

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The following are accepted to meet this requirement:

- TOEFL: Applicants must have a score of at least 90 on the internet-based test (iBT), with scores on the speaking and writing portions in the high fair--good range (22-30). ASU's institutional code is 4007. Only electronic copies of scores are accepted.
- IELTS: Applicants must have a overall band score of at least 6.5 with speaking and writing portions needing to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the graduate degree and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement. The statement should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities. The resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The three professional references should include the names, email addresses and institution or company of individuals who will submit electronic letters of recommendation. They should be individuals who have worked with the applicant in professional or academic capacities, and who can attest to their aptitude in this field and ability to succeed at graduate-level coursework.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/masters-secondary-education/)

Career Opportunities:
Students are prepared to start or advance in educational careers working with children in grades 6-12 in roles that do not require certification. Students gain skills in instruction, assessment, educational research and collaborating in teams --- all of which prepares them to successfully work in schools and other community-serving organizations. Roles may include non-certified educators in charter or private schools or educators in non-school settings

This program also may be suitable for certified teachers who do not have an undergraduate or graduate degree in education.

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Secondary Education (Teacher Certification), MEd (TESCERTMED)
Online Degree Search Title: Secondary Education (Teacher Certification), MEd
Campus: Online

Program Description:
The MEd program in secondary education with a concentration in teacher certification is for those who already have a bachelor's degree in any field and want to become licensed to teach grades 7-12. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

All courses are offered remotely, and students select one of two modalities:

  • ASU Sync offers regularly scheduled evening classes via synchronous learning over Zoom. Instructors and students are not in the same physical space but do meet at the same time, offering a live learning experience with peers and faculty. Students completing the program through ASU Sync must be admitted to the ASU Tempe campus, even though classes do not meet on campus. ASU Sync students need to reside in Arizona throughout the duration of the program.
  • ASU Online offers classes via asynchronous instruction. Instructors and students are not in the same physical space and do not meet at the same time, allowing students to complete coursework on their own schedules. Students completing their program through ASU Online must be admitted to the online campus.

This program can be taken in three continuous semesters allowing students to complete the program in one year. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

A series of professional experiences assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

This program offers two routes leading to Arizona teacher certification:

  • In the traditional certification route, students conduct one internship or teaching residency per semester, for at least three semesters. Students begin by completing an internship in a local school and then progress to a full-time teaching residency.
  • The alternative certification route provides an alternative pathway to teacher certification for individuals who are currently employed full time by a school as a teacher of record. To qualify, individuals must secure a full-time teaching position in an approved content and grade level.

The coursework is the same in both certification routes and culminates in an applied action research project in which students apply what they've learned to address a challenge in their classroom.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must:

pass the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.
OR • hold a conferred bachelor's or master's degree with the content area listed in the degree title, and receive a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

ASU Sync
Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Accelerated Program Options:
This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

    Engineering (Automotive Systems), BSE
    Engineering (Electrical Systems), BSE
    Engineering (Humanitarian Engineering), BSE
    Engineering (Mechanical Engineering Systems), BSE
    Engineering (Robotics), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Degree Requirements:

38 credit hours including the required applied project course (SED 593) - Alternative Certification Pathway, or 38 credit hours including the required applied project course (SED 593) - Traditional Certification Pathway.

Required Core (8)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Concentration (14)
SED 510 General Methods and Assessment (4)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 532 Literacy Across the Disciplines (3)
TEL 540 Cultivating Networks of Culturally Responsive Relationships Among Families, Communities, and Cultures (2)
TEL 570 Educator Scholar Community I (1)
TEL 571 Educator Scholar Community II (1)

Other Requirements (10 credit hours)

Elective (3 credit hours)

Culminating Experience (3 credit hours)
SED 593 Applied Project (3)

Additional Curriculum Information
Students select one of the alternative certification or traditional certification pathways.

All students choose one course from SED 511, 512, 513, or 514 for four credit hours as part of other required coursework.

Alternative pathway students choose an additional six credit hours of apprentice teaching and internship for other required coursework from a pre-approved list. At least four credit hours must be apprentice teaching.

Traditional pathway students choose an additional six credit hours from internship and student teaching as other required coursework from a pre-approved list. At least two credit hours must be internship and at least two credit hours must be student teaching.

Students should see the academic unit for the appropriate other requirement and elective coursework.

If a student plans to switch pathways mid-program, the student must reach out to the academic unit for appropriate advisement.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
  • graduate admission application and application fee
  • official transcripts
  • three letters of recommendation
  • personal statement
  • resume
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/secondary-education-teacher-certification/)

Career Opportunities:

Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. Students gain skills in teaching, conducting research, utilizing technology and collaborating in teams --- all of which prepare them to succeed in educational careers working with learners in grades 6-12.

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu
ED 118
GradEducation@asu.edu
480-965-9995

Special Education, MA (EDSPEDMA)

Online Degree Search Title: Special Education, MA
Campus: Tempe

This program is not accepting applications at this time. Applicants interested in the MA in Special Education should apply directly to the applied behavior analysis concentration.

Program Description:

The MA program in special education is a noncertification degree program meant to advance the capacity of professionals, communities of practice, and school and other service systems to provide education and related services in inclusive and least-restrictive settings.

Graduates are able to design and deliver education and related services for populations with diverse needs. The skills developed through this degree program include systematic planning for all individuals, support of positive behavior and advocacy for new, research-based approaches to education and related services.

Degree Requirements:

36 credit hours and a thesis, or 36 credit hours and an applied project, or 36 credit hours, a written comprehensive exam and an oral comprehensive exam.

Required Core (3 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3) or
SPE 597 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- letter of intent or written statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
FAB 200
graduateeducation@asu.edu
480-965-5555

Special Education, MEd (ECSPEDMED)

Online Degree Search Title: Special Education, MEd
Campus: Online

Program Description:
The MEd program in special education prepares students to further their knowledge of special education for learners in grades K-12 with mild-moderate disabilities. It is designed for individuals who do not need to obtain teacher certification. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

All courses are offered remotely, and students select one of two modalities:

  • ASU Sync offers regularly scheduled evening classes via synchronous learning over Zoom. Instructors and students are not in the same physical space but do meet at the same time, offering a live learning experience with peers and faculty. Students completing the program through ASU Sync must be admitted to the ASU Tempe campus, even though classes do not meet on campus. ASU Sync students need to reside in Arizona throughout the duration of the program.
  • ASU Online offers classes via asynchronous instruction. Instructors and students are not in the same physical space and do not meet at the same time, allowing students to complete coursework on their own schedules. Students completing their program through ASU Online must be admitted to the online campus.

This program can be taken in three continuous semesters allowing students to complete the program in one year. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts. The program culminates in an applied action research project in which students apply what they've learned to address a challenge in special education.

The master's degree program does not lead to teacher certification. Students interested in certification should enroll in the Master of Education program in special education with a concentration in teacher certification.

ASU Sync
Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
38 credit hours including the required applied project course (SPE 593) - Mild-Moderate Track.

Required Core (8 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Mild/Moderate Track (24 credit hours)

Elective (3 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3)

Additional Curriculum Information
Students select elective coursework in consultation with their academic advisor. Students should see the academic unit for a preapproved list of electives. Other elective courses may be substituted with approval of the academic unit.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any content area or education-related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor' degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
 • graduate admission application and application fee
 • official transcripts
 • professional resume
 • personal statement
 • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The following are accepted to meet this requirement:

  • TOEFL: Applicants must have a score of at least 90 on the internet-based test (iBT), with scores on the speaking and writing portions in the high fair -- good range (22 -- 30). ASU's institutional code is 4007. Only electronic copies of scores are accepted.
  • IELTS: Applicants must have an overall band score of at least 6.5 with speaking and writing portions needing to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivate the applicant to apply to the graduate program and explain what led the applicant to this career path and how they will excel in the field of special education. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement. The statement should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities. The resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-special-education/)

Career Opportunities:
Graduates are prepared to start or advance in educational careers working with diverse learners in grades K-12 in roles that do not require certification. Students gain skills in instruction, assessment, educational research and collaborating in teams --- all of which prepare them to successfully work in schools and other community-serving organizations. Roles may include noncertified educators in charter or private schools or educators in non-school settings

This program also may be suitable for certified teachers who do not have an undergraduate or graduate degree in education.

Special Education (Applied Behavior Analysis), MA (TESPEABAMA)

Online Degree Search Title: Special Education (Applied Behavior Analysis), MA
Campus: Online

Program Description:
The MA program in special education with a concentration in applied behavior analysis pairs research and experience to prepare professionals to work with individuals with diverse learning and behavior needs using the principles of applied behavior analysis. All courses are online, combining an assortment of resources and technologies to provide students the opportunity to interact directly with program faculty and classmates.

Program graduates are well prepared to provide applied behavior analysis and evidence-based consultative services and support to clients, community and family members across a variety of settings. Applied projects and assignments allow students to focus on the population with which they plan to work, while gaining the knowledge and skills they need in order to use applied behavior analysis across various populations and settings.

Mary Lou Fulton Teachers College offers university coursework verified by the Association for Behavior Analysis International® as meeting the coursework requirements for eligibility sit for the Behavior Analyst Certification Board® Board Certified Behavior Analyst® examination. Once certified, these professionals are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the Behavior Analyst Certification Board-required 315 classroom hours of graduate-level instruction aligned with the BCBA/BCaBA task list (fifth edition). BCBA supervised independent fieldwork supervision hours, required for certification, are arranged and completed by the student separately from their ASU coursework. An optional remote BCBA supervised independent fieldwork practicum (SPE 580 Applied Behavior Analysis Practicum) is available.

Degree Requirements:
30 credit hours including the required applied project course (SPE 593), or 30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Concentration (18 credit hours)
SPE 526 Concepts and Principles of Applied Behavior Analysis (3)
SPE 527 Behavior Analytic Assessment (3)
SPE 560 Behavior Change Procedures: Implementing Interventions in Behavior Analysis (3)SPE 562 Personnel Supervision and Organizational Behavior Management in Educational Settings (3)
SPE 563 Philosophical Foundations of Applied Behavior Analysis in Educational Settings (3)
SPE 567 Ethics of Applied Behavior Analysis (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3)
SPE 597 Capstone (3)

Additional Curriculum Information
Students may choose to complete a remote supervised independent fieldwork practicum (SPE 580).

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- personal statement
- three letters of recommendation
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should demonstrate the applicant's goals with respect to the program outcomes and success in a graduate and online program. The statement should also demonstrate high-quality writing and awareness that the student understands the demands of graduate school.

Three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program are required for admission.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-special-education-applied-behavior-analysis/)

Career Opportunities:

Professionals with expertise in evidence-based practices in applied behavior analysis are in high demand across sectors and industries, including education, business and health care.

Career examples include:

- applied behavior analysis therapist
- behavior consultant
- behavior specialist
- Board Certified Behavior Analyst
- early interventionist
- educator
- organizational behavior management

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
FAB 200
graduateeducation@asu.edu
602-543-6358

Special Education (Autism Spectrum Disorder), MA (TESPEASDMA)

Online Degree Search Title: Special Education (Autism Spectrum Disorders), MA
Campus: Online

Program Description:

The MA program in special education with a concentration in autism spectrum disorders prepares graduates to provide important services for children and adults with ASD.

Coursework in this program teaches how to dispel common misconceptions about ASD and those it impacts, as well as how to determine the

credibility of sources. Students learn strategies for sharing information with family members of autistic individuals, ensuring parents and caregivers are properly informed about ASD and how to support their loved ones.

The practicum component of this curriculum enables students to apply the topics covered in theoretical courses to practical scenarios. Candidates build experience supporting autistic learners by delivering 45 direct contact hours of approved activities under the direction of a supervisor and instructor.

The ASD master's program requirements align with the autism special education standards of the Council for Exceptional Children.

Degree Requirements:
30 credit hours including the required applied project course (SPE 593), or 30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Concentration (12 credit hours)
SPE 521 Foundations of Autism Spectrum Disorders (3)
SPE 540 Family-Centered Practices (3)
SPE 541 Consultation Frameworks and Issues (3)
SPE 566 Applied Behavior Analysis in Inclusive Settings (3)

Electives or Research (9 credit hours)

Other Requirement (3 credit hours)
SPE 680 Practicum (3)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3) or
SPE 597 Capstone (3)

Additional Curriculum Information
Each student completes a practicum customized to individual interests and abilities. For the culminating experience, students may elect to complete a capstone experience or applied project, based on personal and professional interest and need.

Admission Requirements:
Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in education, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
  • graduate admission application and application fee
  • official transcripts*
  • written statement
  • professional resume
  • three letters of recommendation
  • proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

*The transcript must show the bachelor's degree already conferred. In-progress bachelor's degrees not accepted.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:

There is increasing demand for the specialized skills and knowledge needed to properly support children and adults, including family members, impacted by autism. Program graduates are well prepared to provide important services within a variety of roles including as educators, interventionists, paraprofessionals, psychologists, speech pathologists, therapists or family members.

Career examples include:

- community support professional
- educator
- interventionist

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu/
FAB S200
graduateeducation@asu.edu
602-543-6358

Special Education (Teacher Certification), MEd (TESECRTMED)

Online Degree Search Title: Special Education (Teacher Certification), MEd
Campus: Online

Program Description:
The MEd program in special education with a concentration in teacher certification is for those who already have a bachelor's degree in any field and want to become licensed to teach mild-moderate special education or who want to pursue dual-certification in special education and elementary education. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

All courses are offered remotely, and students select one of two modalities:

- ASU Sync offers regularly scheduled evening classes via synchronous learning over Zoom. Instructors and students are not in the same physical space but do meet at the same time, offering a live learning experience with peers and faculty. Students completing the program through ASU Sync must be admitted to the ASU Tempe campus, even though classes do not meet on campus. ASU Sync students need to reside in Arizona throughout the duration of the program.
- ASU Online offers classes via asynchronous instruction. Instructors and students are not in the same physical space and do not meet at the same time, allowing students to complete coursework on their own schedules. Students completing their program through ASU Online must be admitted to the online campus.

This program can be taken in three continuous semesters allowing students to complete the program in one year. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

A series of professional experiences assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

This program offers two routes leading to Arizona teacher certification:

- In the traditional certification route, students can pursue dual-certification in Mild-Moderate Disabilities Special Education, K-12 and Elementary Education, K-8. Students complete an internship each semester during the first two semesters. Students also complete two 8-week teaching residencies, including one in a special education setting and one in an elementary education setting.
- The alternative certification route provides an alternative pathway to Arizona teacher certification for individuals who are currently employed full-time by a school as a teacher of record. To qualify, individuals must secure a full-time teaching position in an approved content and grade level. This route leads to single certification in Mild-Moderate Disabilities Special Education, K-12. Students in this route are not able to pursue dual certification.

The coursework is similar in both certification routes and culminates in an applied action research project in which students apply what they've learned to address a challenge in their classroom.

Graduates from the traditional certification route earn an institutional recommendation from ASU that is recognized by the Arizona Department of

Education for Arizona teacher certification in Mild/Moderate Disabilities, K-12 and Elementary Education, K-8.

Graduates from the alternative certification route earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for Arizona teacher certification in Mild/Moderate Disabilities, K-12.

In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

ASU Sync
Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
44 credit hours including the required applied project course (SPE 593) - Mild-Moderate Alternative Certification Pathway, or 44 credit hours including the required applied project course (SPE 593) - Mild-Moderate Traditional Certification Pathway, or 47 credit hours including the required applied project course (SPE 593) - Mild-Moderate Traditional Certification Pathway - Dual.

Required Core (8 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 511 Research and Evaluation in Education (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 572 Educator Scholar Community III (1)

Concentration (6 or 8 credit hours)
Selected from the following according to certification option:
EED 582 Residency/Student Teaching in Elementary Education (2)
SPE 556 Internship I (2)
SPE 570 Internship II (2)
SPE 571 Apprentice Teaching I (2)
SPE 574 Apprentice Teaching II (2)
SPE 576 Internship III (2)
SPE 578 Residency/Student Teaching in Special Education for Dual Certification (2)
SPE 579 Apprentice Teaching III (2)

Track (24 credit hours)

Other Requirements (0 or 4 credit hours)
EED 529 Science Methods and Assessment (2)
EED 534 Social Studies Methods and the Arts (2)

Elective (0 or 3 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3)

Additional Curriculum Information
For the teacher certification concentration requirements, students complete six or eight credit hours from Internship and Student Teaching. For traditional and alternative certification in special education, at least two credit hours must be SPE internship, and at least two credit hours must be SPE student teaching for one certification.
Students seeking dual certification in elementary and special education must complete both an EED and SPE student teaching placement, which extends the teaching certification requirement by two for a total of eight credit hours. Students switching from Alternative Certification may substitute Apprentice Teaching for Student Teaching with permission from the program.
The dual certification option additionally requires other requirements courses EED 529 and EED 534 and does not have an elective.
Students in one of the single certification program options complete a three credit hour elective and should see the academic unit for the current list of possible elective coursework.
Students wanting to switch certification option mid-program should reach out to the academic unit for appropriate advisement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/special-education-teacher-certification/)

Career Opportunities:

Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Students gain skills in teaching, conducting research, utilizing technology and collaborating in teams --- all of which prepares them to successfully work with diverse learners in grades K-12.

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu
ED 118
GraduateEducation@asu.edu
480-965-9995

Teacher Certification (Certificate), Certificate (TETEACGRCT)

Online Degree Search Title: Teacher Certification (Graduate Certificate)
Campus: Online

Program Description:

The graduate certificate in teacher certification is a flexible, alternative certification program designed for students who want to obtain teaching licensure in a compressed time frame while working in a classroom.

Through online courses, video-based teaching observations and supportive coaching, the certificate qualifies as a pathway to Arizona teacher certification in elementary education or secondary education. Coursework may be completed over the span of two or three semesters, depending on start date.

This program requires students to be employed as a full-time teacher of record aligned with their certification area (elementary or secondary) before enrolling in the program.

Students in this program can choose to transfer credits to a Master of Education in elementary education or a Master of Education in secondary education within three years of earning the graduate certificate.

Graduates earn an institutional recommendation for Elementary Education, K-8 or Secondary Education, 6-12 through the Arizona Department of Education.

To be eligible for secondary education certification in Arizona, students must:

 pass the appropriate Arizona educator subject knowledge exam as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.
 OR   • hold a conferred bachelor's or master's degree with the content area listed in the degree title and receive a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

ASU Sync
Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Degree Requirements:
23 credit hours - Secondary Education Track, Alternative Certification, or 23 credit hours - Secondary Education Track, Traditional Certification, or 25 credit hours - Elementary Education Track, Alternative Certification, or 25 credit hours - Elementary Education Track, Traditional Certification.

Required Core (8 credit hours)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)

Education Tracks (11 or 13 credit hours)
Students choose one of the following tracks:

Elementary Education Track (13)
EED 529 Science Methods and Assessment (2)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
EED 534 Social Studies Methods and the Arts (2)
EED 537 K-8 Mathematics Methods and Assessment (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

Secondary Education Track (11)
SED 510 General Methods and Assessment (4)
TEL 532 Literacy Across the Disciplines (3)
Choose one:
SED 511 ELA Methods and Assessment (4)
SED 512 Secondary Mathematics Methods and Assessment (4)
SED 513 Science Teaching Methods for Secondary School (4)
SED 514 Methods of Teaching Secondary Social Studies (4)

Other Requirements (4 credit hours)
EED 557 Internship I (2) and
EED 578 Residency/Student Teaching in Elementary Education (2); or
EED 571 Apprentice Teaching I (2) and EED 574 Apprentice Teaching II (2); or
SED 557 Internship I (2) and
SED 578 Residency/Student Teaching in Secondary Education (2); or
SED 571 Apprentice Teaching I (2) and SED 574 Apprentice Teaching II (2)

Additional Curriculum Information
The courses for Other Requirements depend on student's track and route to certification (traditional or alternative).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
   • graduate admission application and application fee
   • official transcripts
   • professional resume
   • personal statement
   • proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The following are accepted to meet this requirement:

   • TOEFL: Applicants must have a score of at least 90 on the internet-based test (iBT), with scores on the speaking and writing portions in the high fair-good range (22-30). ASU's institutional code is 4007. Only electronic copies of scores are accepted.
   • IELTS: Applicants must have an overall band score of at least 5 with speaking and writing portions needing to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated applicant to apply to the graduate certificate, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement. The statement should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities. The resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

Fingerprint clearance is required for enrollment in the first term of placement. A copy of the applicant's IVP fingerprint clearance card (front and back) should be included or a copy of the Arizona DPS fingerprint card application if the IVP card has not yet been acquired at the time of program application. Students should visit the DPS site for information on applying for and receiving an IVP fingerprint clearance card. For out-of-state students, confirmation of fingerprint clearance or a background check in the host state is equivalent to IVP fingerprint clearance.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-teacher-certification/)

Career Opportunities:

Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. Students gain skills in teaching, utilizing technology and collaborating in teams --- all of which prepares them to succeed in a career educating learners in elementary education (grades K-8) or secondary education (grades 6-12).

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
FAB 200
graduateeducation@asu.edu
877-326-6744

Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

Online Degree Search Title: Technology for Teaching and Learning (Graduate Certificate)
Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:
The graduate certificate in technology for teaching and learning is geared toward classroom teachers who want to become skilled at integrating technology in the curriculum.

Students acquire the knowledge and skills needed for meeting the National Education Technology Standards for Teachers, developed by the International Society for Technology in Education and being adopted by the National Council for Accreditation for Teacher Education.

The certificate program can be completed within a two-year period.

Degree Requirements:
15 credit hours including the required capstone course (EDT 591).

Students must successfully complete four out of a possible six educational technology courses before completing a three credit hour required capstone course.

Admission Requirements:
Applications are currently closed.

Contact Information:
Teachers College, Mary Lou Fulton
Dean, Mary Lou Fulton Teachers College
https://education.asu.edu/
ED 118
GraduateEducation@asu.edu
602-543-6358

Undergraduate Programs

Minors (Program Descriptions and Requirements)

African and African American Studies Minor (LAAFRMIN)

Campus: Tempe, Online

Description:
The minor program in African and African American studies examines the culture, arts, history, politics, economics and current status of African Americans, Africans and the African Diaspora, especially in the Caribbean, Central America and South America. The goal is to prepare students for lifelong learning, advanced study in a variety of fields, and successful careers and productive public service in an increasingly diverse society.

Program Requirements:
The certificate requires completion of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Core Course -- 3 credit hours
AFR 200: Introduction to Africana Studies (SB & G & H) (3)

Elective Course -- 3 credit hours
AFR 300: Precolonial Africa (SB & G & H) (3)
AFR 301: Race and Racism in Africa/African Diaspora (SB & G) (3)
AFR 302: History of Black Women in America (SB & H) (3)
AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) (3)

Electives -- 12 credit hours
 AFR Upper Division Elective (12)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in African and African American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in African and African American Studies can provide knowledge and skills that enable graduates to bring social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu

NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Aging Minor (ASALDMIN)
Campus: West

Description:

People are living longer. While this represents one of the crowning achievements of the last century, it is also a significant challenge. Longer lives must be planned for. ASU's minor program in aging offers students the opportunity to create positive differences in the lives of older adults.

This minor program helps students develop the tools and mindset to anticipate challenges in existing social structures at every level as the proportion of retired adults increases faster than that of persons in the workforce. Students learn to develop solutions in areas of personal finance, transportation, increased demands for health care, assisted-living options, and recreation needs for an aging population.

Program Requirements:

The minor in aging consists of 18 credit hours, including 12 credit hours of upper-division coursework. At least six upper-division credit hours must be completed through coursework in the New College of Interdisciplinary Arts and Science. All courses used to fulfill the requirements of this minor must be passed with a "C" (2.00) or better.

Introductory Coursework (choose two) -- 6 credit hours
ASB 102: Introduction to Cultural Anthropology (SB & G) (3)
DST 101: Introduction to Disability Studies (C) (3)
ENG 203: Introduction to Health Humanities (HU) (3)
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)
PSY 101: Introduction to Psychology (SB) (3)
SOC 101: Introductory Sociology (SB) (3)

Aging Core (choose two) -- 6 credit hours
Classes selected for the Aging Core may not also apply to the Aging Electives.

COM 417: Communication and Aging (3)
FAS 436: Sexuality in Mid-Life and Beyond (3)
IAS 450: Philosophical and Spiritual Issues in Death and Dying (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 418: Aging and the Life Course (SB & H) (3)

Upper-Division Aging Electives (choose two) -- 6 credit hours
Classes not selected for the Aging Core may be chosen and applied towards the Aging Electives.

AMS 417: Religious Traditions of the American Southwest (3)
ASB 346: Marriage and Family Diversity (SB & C) (3)
BIO 312 / IAS 340 / PHI 320: Bioethics (HU) (3)
COM 413: Resilient Relationships and Communities (3)
COM 417: Communication and Aging (3)
DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 394: Civil Rights Law and Accessibility Compliance (3)
DST 458: Disability and Communication Advocacy (3)
FAS 436: Sexuality in Mid-Life and Beyond (3)
HCR 430: Foundation to Health Care Systems (3)
HRC 494: Veterans and Critical Disability Studies (3)
HSC 410: Supporting the Health of Older Adults (3)
HSC 412: Health Issues in Later Life (3)
IAS 430: Science and Religion (L or HU) (3)
IAS 450: Philosophical and Spiritual Issues in Death and Dying (3)
PHI 324: Existential Ethics (HU) (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 418: Aging and the Life Course (SB & H) (3)
SOC 426: Social Inequalities (SB) (3)
WST 444: Gender, Health, and Bodies (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in aging

Other Enrollment Requirements: None.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The minor in aging is a pathway to a career researching, developing policies or providing services to older populations. Employment in associated career fields is expected to increase commensurately with the needs of a growing and diverse population. People working with aging populations are employed in public and private agencies dealing with a wide variety of social issues, including:

- access to health care
- assisted-living facilities and management
- disabilities
- discrimination
- elder abuse and family support
- health, mental health and end-of-life decisions
- housing
- recreational opportunities
- transportation

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/
FAB N100
sbsadvising@asu.edu
602-543-3000

American Indian Studies Minor (LAAISMIN)
Campus: Tempe

Description:
The minor in American Indian studies is designed for students interested in developing an understanding of American Indian issues and analyzing issues through critical inquiry.

Program Requirements:
The minor in American Indian studies requires 18 credit hours. At least 12 hours must be upper-division coursework, and all courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 9 credit hours
AIS 180: Introduction to American Indian Studies (C) (3)

AIS 285: Federal Indian Policy (H & C) (3)
AIS 380: Contemporary Issues of American Indian Nations (C) (3)

Electives (select three) -- 9 credit hours
AIS 320: American Indian Philosophies and World Views (HU & C) (3)
AIS 360: Issues in Urban Indian Country (C) (3)
AIS 381: American Indian Women (C) (3)
AIS 385: Entrepreneurship for American Indian Sustainability (3)
AIS 440: Cultural Professionalism (C) (3)
AIS 455: Human Rights and Cultural Resource Laws (3)
AIS 470: Tribal Governance (3)
AIS 480: Actualizing Decolonization (HU & C & G) (3)
AIS 484: Internship (3)
AIS 499: Individualized Instruction (3)
ENG 359: Indigenous American Literature ((L or HU) & C) (3)
HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)
HST 338: American Indian History since 1900 ((HU or SB) & C & H) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in American Indian studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in American Indian studies can help students as they pursue careers with tribes and organizations in Native American communities.

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
https://americanindian.asu.edu/degree/minor/minor-american-indian-stds-minor
DISCVRY 356
AIS@asu.edu
480-727-7056

American Studies Minor (ASAMSMIN)
Campus: West

Description:
The American studies minor gives students the opportunity to pursue an interest in the interdisciplinary study of American culture. This minor is particularly appropriate for students majoring in humanities or social sciences disciplines.

Program Requirements:
The minor in American studies consists of 18 credit hours. A minimum of 6 credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
AMS 201: Introduction to American Studies (L & C) (3)

HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Upper Division Electives   -- 12 credit hours
AMS 326: Popular Culture (3)
AMS 330: American Lives (HU & C) (3)
AMS 334 / ETH 333 / WST 334: Class in America (SB) (3)
AMS 336 / ENG 334 / ETH 334: The American Southwest in Literature and Film ((L or HU) & C) (3)
AMS 353 / ENG 353 / ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
AMS 354 / ENG 354 / ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
AMS 380 / ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)
AMS 412: Studies in American Politics & Law (H) (3)
AMS 428 / ETH 428 / LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)
AMS 449 / ETH 449 / WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)
AMS 450 / ETH 450 / LAS 450: Latina/os, Schooling and Social Inequality (C) (3)
AMS 469 / ETH 469 / WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)
ENG 337: Major American Novels (L or HU) (3)
HST 320: U.S. Urban History since 1850 (SB & H) (3)
HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)
HST 413: Contemporary America ((L or SB) & H) (3)
HST 419 / LAS 419: 20th Century Chicano/a History (C) (3)
REL 321: Religion in America ((L or HU) & C & H) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in American studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
This minor is ideal preparation for students seeking employment in the following careers:

- archivist
- copy writer
- editor
- high school teacher
- historian
- history professor
- journalist
- lawyer
- middle school teacher
- museum curator
- political analyst

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/american-studies-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Anthropology Minor (LAASBMIN)

Campus: Tempe, Online

Description:

Coursework in anthropology complements many majors and provides critical thinking skills beneficial in any career field that requires understanding human behavior and its motivations, including medicine, marketing, business, consulting and human resources.

A minor in anthropology completes the academic experience by focusing on the lessons and people that make human societies so interesting and challenging to understand, both in the past and in modern times.

A focus in evolutionary anthropology is perfect for a premedical track in which a broad evolutionary perspective is important for understanding disease processes. A focus in sociocultural anthropology provides understanding of human interaction and how social groups function.

Anthropological training provides a competitive advantage in the workforce as students learn how to problem-solve creatively and better understand themselves and others.

Program Requirements:

The anthropology minor requires a minimum of 18 credit hours, at least 12 of which must be upper division. Only courses completed with a grade of "C" (2.00 on a 4.00 scale) can be used to fulfill minor requirements.

The minor in anthropology is also available in an online format to complement the studies of ASU Online students.

Required Introductory Courses (choose two) -- 6 credit hours
ASB 102: Introduction to Cultural Anthropology (SB & G) (3)
ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) (3)
ASM 104: Bones, Stones, and Human Evolution (SB or SG) (4)

Upper-Division Subfield Courses -- 12 credit hours
Students choose 12 upper-division credit hours from the subfields of archaeology, evolutionary anthropology and sociocultural anthropology (including linguistics). The particular required introductory courses selected may limit the courses available for use as subfield courses. At least two of the three subfields must be represented. (12)

Archaeology Subfield
ASB 301 / HST 301: Global History of Health (SB & G & H) (3)
ASB 326: Human Impacts on Ancient Environments (SB & H) (3)
ASB 330: Understanding Archaeology (SB) (3)
ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G) (3)
ASB 335: Ancient Ruins of the Southwest (SB & H & C) (3)
ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) (3)
ASB 361: Human Cultural Beginnings (H) (3)
ASB 362: People and Plants (3)
ASB 366 / AFR 366: African Archaeology: Precolonial Urban Culture (SB & H) (3)
ASB 368: Hunter-Gatherers (SB) (3)
ASB 490: Earliest Cities (SB & H) (3)
ASM 338: Bioarchaeology and the Human Skeleton (9)
ASM 338: Field Archaeology & Geophysical Testing (9)
ASM 350: Geoarchaeology (3)
ASM 365: Doing Archaeology (3)
ASM 450: Bioarchaeology (SB & G) (3)
ASM 494: Archaeoinformatic Methods for Fieldwork (3)

Physical Subfield
ASB 301 / HST 301: Global History of Health (SB & G & H) (3)
ASB 368: Hunter-Gatherers (SB) (3)
ASB 394: Modeling Simulation Neglected Tropical Diseases (3)
ASB 408: Advanced Evolutionary Medicine (3)
ASB 448: Maternal and Child Health (3)
ASB 494: Applied Epidemiology (3)
ASB 494: Reproductive Ecology (3)
ASM 301: Peopling of the World (SB) (3)
ASM 313: Great Adaptations (3)
ASM 332: Life and Death in Ancient Egypt (3)
ASM 338: Bioarchaeology and the Human Skeleton (9)
ASM 341: Human Osteology (4)

ASM 342 / BIO 327: Evolution of Human Behavior (3)

ASM 344: Fossil Hominids (4)

ASM 345: Disease and Human Evolution (3)

ASM 394: Evolution and Medicine Visiting Speaker Recitation (1)

ASM 401: Health and Human Biology (3)

ASM 403: Evolutionary Medicine and Global Health (3)

ASM 443: Primatology (3)

ASM 446 / BIO 446: Principles of Human Genetics (L) (3)

ASM 450: Bioarchaeology (SB & G) (3)

ASM 452: Dental Anthropology (SG) (4)

ASM 456: Infectious Disease and Human Evolution (3)

ASM 459: Forensic Anthropology (3)

ASM 460: Human Growth and Development: An Evolutionary Perspective (3)

ASM 465: Quantification and Analysis for Anthropologists (CS) (3)

ASM 494: Bayesian Statistics in Theory and Practice (3)

ASM 494: Evolution and Mental Disorders (3)

ASM 494: Evolution of Technology (3)

ASM 494: Models in Social Evolution (3)

ASM 494: Social Complexity (3)

Sociocultural Subfield

ASB 300: Food and Culture ((L or SB) & C) (3)

ASB 302: Ethnographic Field Study ((L or SB) & G) (3)

ASB 305: Poverty and Global Health ((L or SB) & G) (3)

ASB 310 / AFR 300: Precolonial Africa (SB & G & H) (3)

ASB 311: Principles of Social Anthropology (SB & G & H) (3)

ASB 316: Money and Culture (L or SB) (3)

ASB 319: The North American Indian (3)

ASB 322: Peoples of Latin America ((L or SB) & G) (3)

ASB 325: Peoples of Southeast Asia (G) (3)

ASB 327: Disaster! ((L or SB) & C) (3)

ASB 336 / AFR 336: African Art (HU & G) (3)

ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)

ASB 340 / SOC 328: Migration and Culture (SB & G) (3)

ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)

ASB 343 / PUP 343 / SOS 343 / TCL 343: Latinas/os and the Environment (3)

ASB 344 / SOC 334: Technology and Society (L or SB) (3)

ASB 345: Culture and Society Transformation (SB & G) (3)

ASB 346: Marriage and Family Diversity (SB & C) (3)

ASB 348: The Borders of Language (L) (3)

ASB 350: Anthropology and Art (HU) (3)

ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)

ASB 355: Traditional Medicine and Healing (HU or SB) (3)

ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356: Central American Studies (SB & G) (3)

ASB 357: Society, Drugs and Health (SB & G) (3)

ASB 358 / AFR 358: The Yoruba and the Atlantic World (3)

ASB 370 / SOS 370: Ethics of Eating (L or SB) (3)

ASB 371 / HST 371 / SLC 371 / SPA 371 / TCL 371: Language Hegemony and Culture (3)

ASB 374 / POS 374 / SBS 374 / SOC 374: Cultures and Politics of the Internet (SB) (3)

ASB 375 / SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G) (3)

ASB 376: Global Health Policy (3)

ASB 378 / TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) (3)

ASB 380: Language, Culture and Gender (SB) (3)

ASB 389 / SBS 389 / SOC 389: Ethnographic Field Lab (1)

ASB 394: Statistics for Social Scientists (3)

ASB 395: Topics in Comparative Culture (SB & G) (3)

ASB 412: History of Anthropology (L or SB) (3)

ASB 421: Education and Society (SB) (3)

ASB 442 / SBS 460: Global Cities (SB & G) (3)

ASB 443 / SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) (3)

ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)

ASB 452: Community Partnerships for Global Health (SB) (3)

ASB 455: Practicum for Social Sciences (SB) (3)

ASB 457: Global Mental Health ((L or SB) & G) (3)

ASB 462: Medical Anthropology: Culture and Health (SB & C) (3)

ASB 463 / SOS 463 / TCL 443: Political Ecology of the Border (SB & G) (3)

ASB 464 / TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) (3)

ASB 466 / AFR 466: Peoples and Cultures of Africa (SB & G) (3)

ASB 494: Ethnography of Schooling in the Borderlands (3)

ASB 494: Facing Immigration (3)

ASM 414: Environmental Health (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in anthropology; BS in anthropology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology.

Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact Information:

Liberal Arts and Sciences, The College of

School of Human Evolution & Social Change

https://shesc.asu.edu/

SHESC 233

shesc.undergrad@asu.edu

480-965-6215

Applied Biological Sciences Minor (TSABSMIN)

Campus: Polytechnic

Description:

The applied biological sciences minor is a rigorous and practical program that can help students understand the interrelationships between evolution, natural history and the conservation of plants and animals.

Consistent with a polytechnic vision, this minor involves extensive student interaction with faculty through experience-based learning activities,

including:

- faculty-guided research and service-learning projects
- field trips
- internships
- laboratories

Mastery of fundamental biological principles is emphasized through quality learning in the classroom and hands-on activities in laboratories and in outdoor settings that include the Sonoran Desert, surrounding ecosystems and the landscape of the greater Phoenix area.

Program Requirements:
The applied biological sciences minor consists of 23 credit hours. Students must complete 15 credit hours in courses offered by the College of Integrative Sciences and Arts.

Required Courses -- 11 credit hours
ABS 270: Sustainable Biological Systems (3)
BIO 181: General Biology I (SQ) (4)
BIO 182: General Biology II (SG) (4)

Electives -- 12 credit hours
 ABS Elective (3)
 ABS Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: All applied biological sciences, biological sciences or biology majors at ASU

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in applied biological sciences can help students as they pursue graduate study in professional programs like medicine, health or veterinary studies.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Applied Computing Minor (ASACOMIN)
Campus: West

Description:
The minor in applied computing combines technical computing skills with an understanding of the impact of computer science in real-world contexts.

Coursework in the applied computing minor provides a depth of knowledge in databases, networks and systems and gives students from other disciplines a computational component to their major field of study.

Computational and problem-solving skills are in demand in a multitude of career fields including cybersecurity, web administration, business, government, education, science, medicine and telecommunications.

The program is offered by the School of Mathematical and Natural Sciences.

Program Requirements:
The minor in applied computing consists of 15 credit hours. At least nine credit hours must be upper division. Six upper-division credit hours must be taken from classes offered by the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 15 credit hours
ACO 201: Data Structures and Algorithms (CS) (3)
ACO 240: Introduction to Programming Languages (3)
ACO 320: Database Systems (3)
ACO 330: Computer Networks (3)
ACO 350: Systems Programming (CS) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in applied computing; BS in applied computing (cybersecurity); BS in computational forensics

Other Enrollment Requirements: Students must complete ACO 102, MAT 210, and MAT 243/300 with a C or better as prerequisites to coursework in the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The applied computing curriculum provides a solid background for employment as:

- computer network administrator
- computer network technician
- computer programmer
- computer systems analyst
- database administrator
- information security analyst
- information technology manager
- software developer
- software engineer
- web developer

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/applied-computing-minor
FAB N100
MNSadvising@asu.edu
602-543-3000

Applied Ethics Minor (ASAPETHMIN)

Campus: West, Online

Description:
Students pursuing the applied ethics minor have the opportunity to develop their critical thinking, reading and writing capacities while exploring

philosophy and ethical theory. They also have the opportunity to do so in a manner that explicitly complements their major by focusing their minor coursework on ethical concepts that are discipline-specific. This program provides students an opportunity to gain a humanistic perspective on a nonhumanities field of study, such as health sciences, business and computer science, thereby adding nuance and depth to their educational experience.

Program Requirements:

The minor consists of 18 credit hours, and a minimum of 12 credit hours must be upper division. At least six upper-division hours must be taken in the School of Humanities, Arts and Cultural Studies. Program requirements include three credit hours of required courses and fifteen credit hours of electives. Students may complete their fifteen credit hours of electives from within one of the recommended tracks or from multiple areas. All courses must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or better.

Required -- 3 credit hours

IAS 406 / PHI 406 / FOR 406: Moral Dilemmas (L or HU) (3)

Applied Ethics Electives -- 15 credit hours

Complete five courses (15 credit hours) from within one track area or from multiple areas to meet the requirement. (15)

Bioethics Track

DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 458: Disability and Communication Advocacy (3)
IAS 340 / PHI 320 / BIO 312: Bioethics (HU) (3)
IAS 450 / PHI 450: Philosophical and Spiritual Issues in Death and Dying (3)
LSC 362: The Human Environment (3)
LSC 363: Genes, Race, Gender, and Society (L) (3)
PHI 306: Applied Ethics (HU) (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)

Environmental Ethics Track

IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
LSC 362: The Human Environment (3)
LSC 394: Environmental Disasters (3)
PHI 306: Applied Ethics (HU) (3)
PHI 310 / BIO 324: Environmental Ethics (HU) (3)

Business Ethics Track

ACO 402 / CIS 402: Privacy, Ethics and Compliance Issues (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
LES 305: Business Law and Ethics for Managers (3)
PHI 306: Applied Ethics (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
POS 300: Contemporary Global Controversies (SB & G) (3)

Social Sciences and Ethics Track

DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 458: Disability and Communication Advocacy (3)
ENG 401: Topics in Critical Theory (3)
IAP 222: Games and Ethics (HU) (3)
IAS 417 / PHI 417: Philosophy of Censorship (L or HU) (3)
IAS 450 / PHI 450: Philosophical and Spiritual Issues in Death and Dying (3)
PAX 230: Introduction to Peace Studies (G) (3)
PHI 304: Existentialism (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 439: Philosophy of Love and Sex (HU) (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)

Religion and Ethics Track

CRJ 423 / FOR 413 / REL 413: Sacred Crimes: Religion and Violence (G & H) (3)
IAS 430: Science and Religion (L or HU) (3)

IAS 450 / PHI 450: Philosophical and Spiritual Issues in Death and Dying (3)
PHI 303 / REL 300: The Future of Religions (L or HU) (3)
PHI 304: Existentialism (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 421: The Ethics of Belief (3)
REL 321: Religion in America ((L or HU) & C & H) (3)
REL 381: Religion and Moral Issues (L or HU) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in philosophy, religion and society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor in applied ethics can help students toward their career goals in the health sciences, law, business, technology, ministry, journalism, counseling, politics or education.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/applied-ethics-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Applied Mathematics Minor (ASAPMMIN)
Campus: West

Description:
Mathematical modeling is a fundamental tool of modern science and engineering in which a firm grasp of the underlying processes in a system is synthesized into quantitative predictions. A minor in applied mathematics provides students the mathematical language required to analyze existing models and to produce new models for new questions.

The foundational tools in this applied mathematics minor are calculus, differential equations and linear algebra. When combined, these concepts provide a powerful new lexicon that unlocks the majority of models throughout science and engineering.

Upper-level electives grant students in the applied mathematics minor the opportunity to focus in specialty areas such as the study of chaos, mathematical biology, partial differential equations or optimization. Expertise in these areas is becoming increasingly important for students who expect to participate in careers requiring analysis or modeling of real-world situations.

Program Requirements:
The minor in applied mathematics consists of 20 credit hours, of which nine must be upper division. A minimum of six credit hours must be taken through courses offered by the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required -- 14 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) (4)
MAT 272: Calculus with Analytic Geometry III (MA) (4)
MAT 275: Modern Differential Equations (MA) (3)
MAT 343: Applied Linear Algebra (3)

Electives -- 6 credit hours
MAT 300: Mathematical Structures (L) (3)
MAT 350: Techniques and Applications of Applied Mathematics (3)
MAT 371: Advanced Calculus I (3)
MAT 421: Applied Computational Methods (CS) (3)
MAT 451: Mathematical Modeling (CS) (3)
MAT 494: Special Topics (1-4)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in applied mathematics; BA or BS in mathematics; BS in applied mathematics for the life and social sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Career opportunities for a student with a minor in applied mathematics include:

  • bioinformatics scientist
  • business intelligence analyst
  • clinical data manager
  • mathematician, statistician, or biostatistician
  • molecular and cellular biologist
  • natural science manager
  • secondary school teacher
  • water resource specialist

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/programs/minor/applied-mathematics
FAB N101
mnsadvising@asu.edu
602-543-3000

Applied Mathematics Minor (LSAPMMIN)

Campus: Polytechnic

Description:
The minor in applied mathematics in the College of Integrative Sciences and Arts enables students to understand and apply mathematics most commonly used in the fields of business, economics, engineering, physics, computer sciences, life sciences, social sciences and sustainability. The minor is recommended for students who plan to major in these diverse fields, are preparing for further graduate study or who wish for increased employment options.

The coursework explores the study of advanced applied mathematical topics with an emphasis on applied sciences. Students with a minor in applied mathematics learn to use theories and techniques, such as mathematical modeling, computational methods and statistics to resolve practical, real-world problems.

Program Requirements:
The applied mathematics minor consists of 21 credit hours, of which 12 must be upper division. At least 12 credit hours of MAT courses must be offered by the College of Integrative Sciences and Arts, of which at least six credit hours must upper division.
A minimum of 15 credit hours of the minor must be earned at ASU.

Required Courses -- 12 credit hours
MAT 266: Calculus for Engineers II (MA) or MAT 271: Calculus with Analytic Geometry II (MA) (3-4)
MAT 267: Calculus for Engineers III (MA) or MAT 272: Calculus with Analytic Geometry III (MA) (3-4)
MAT 275: Modern Differential Equations (MA) (3)
MAT 343: Applied Linear Algebra (3)

Electives (choose three courses) -- 9 credit hours
MAT 300: Mathematical Structures (L) (3)
MAT 310: Introduction to Geometry (3)
MAT 495: Undergraduate Research or MAT 499: Individualized Instruction (3-4)
PHY 302: Mathematical Methods in Physics II (3)
STP 420: Introductory Applied Statistics (CS) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in applied mathematics

Other Enrollment Requirements: MAT 265 or 270 with a "C" or better.

The minor in applied mathematics is open to all ASU undergraduate majors. Students should consult an advisor in the department of their major to determine if the minor is consistent with their educational goals and to be recognized in their particular major.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in applied math can help students use mathematical modeling and computational methods as they pursue careers in biology, natural science management or pathology.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

Arabic Studies Minor (LAARBMIN)
Campus: Tempe

Description:
The minor program in Arabic studies provides students with instruction in Modern Standard Arabic as well as Arab culture and literature. Students completing the prescribed coursework are expected to be able to communicate effectively in Arabic and interact with native speakers of the language as well as reading authentic material in Arabic and writing paragraphs in Modern Standard Arabic.

Literature courses expand students' knowledge in Arabic, the Middle East and Islamic culture and civilization. Students of all academic disciplines doing research or seeking employment in areas related to the Middle East or other parts of the Arab world will find the minor in Arabic highly beneficial.

Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience. Students should visit https://goglobal.asu.edu/ (https://goglobal.asu.edu/) for more information.

Program Requirements:
The minor in Arabic studies requires 28 credit hours of courses detailed below. A minimum grade of "C" (2.00 on a 4.00 scale) or better is required in each course. Course substitutions are allowed for heritage and advanced speakers of the language.

Required Courses -- 25 credit hours
ARB 201: Intermediate Arabic I (G) (5)
ARB 202: Intermediate Arabic II (G) (5)
ARB 311: Advanced Arabic Skills I or ARB 315: Advanced Arabic for Heritage Speakers (3)
ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 341: Quran Text and Women (HU & H) or ARB 351: Classical Arabic Literature (HU & G) (3)
ARB 352: Modern Arabic Literature in Translation (HU & G) or ARB 422: Advanced Arabic Media (G) (3)
ARB 411: Advanced Arabic Skills II (G) (3)

Related Area (choose one) -- 3 credit hours
AFR 372: Islam and Islamic Societies in Africa: Social and Political History (G) (3)
AFR 373: Islam and World Affairs (G) (3)
AFR 480: Different Voices Within Contemporary Islamic Discourse (3)
ARB 321: Arabic Conversation I (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 336: Introduction to the Qur'an (G) (3)
ARB 337: Hadith and Prophetic Tradition (HU & H & G) (3)
ARB 340: Arabic Translation (3)
ARB 341: Quran Text and Women (HU & H) (3)
ARB 351: Classical Arabic Literature (HU & G) (3)
ARB 352: Modern Arabic Literature in Translation (HU & G) (3)
ARB 360: Islamic Philosophical Literature (3)
ARB 394: Colloquial Arabic: Levantine (3)
ARB 421: Arabic Conversation II (3)
ARB 422: Advanced Arabic Media (G) (3)
ARB 427: Arabic Prose: Reading the Arabian Nights (3)
ARB 428: Arab Women's Writing (HU & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)
REL 365: Islamic Civilization (HU & H) (3)
REL 366: Islam in the Modern World (HU & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in international letters and cultures (Arabic studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Arabic studies helps students with communication and cultural competency skills as they pursue careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Architectural Studies Minor (ARSTDMIN)

Campus: Tempe

Description:

The minor program in architectural studies provides an overview of architecture throughout history while focusing on architectural design, and it provides students opportunities to explore and apply architectural thinking.

Program Requirements:

A minimum of 18 credit hours (including nine credit hours of upper-division coursework) are required for the minor. A minimum grade of "C" (2.00) is required in all classes for the minor.
A minimum GPA of 2.50 in minor courses is required to earn the minor in architectural studies.

Lower Division Options -- 9 credit hours
 ARC OR   ALA Elective (9)

Upper Division Options -- 9 credit hours
 ARC OR   APH OR   ATE Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BSD in architectural studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Art History Minor (FAARTHMIN)

Campus: Tempe, Online

Description:

The art history minor is designed for students who are interested in a broad introduction to the study of the history of art. In giving students substantial chronological exposure to the history of art from diverse cultures, the minor program strengthens their academic preparation. Students are able to select courses based on their individual interests.

A minor in art history, especially in conjunction with a major in another field, enhances opportunities for future graduate study.

Program Requirements:
The School of Art offers a minor in art history consisting of 18 credit hours of coursework, including 12 credit hours of upper-division electives. A minimum grade of "C" (2.00) is required in all courses for the minor. For those pursuing a minor, a minimum overall GPA of "C" (2.00) is required. Courses may not be double counted in a major and the minor, and a minimum of 12 credit hours of resident credit at ASU are required.
ARS 100 and ARS 300 may not be used toward an art history minor if the student has credit in ARS 101 and ARS 102. If a student has completed ARS 100 or ARS 300, then they must complete ARS 201 and ARS 202 instead of ARS 101 and 102.

Core Courses -- 6 credit hours
ARS 101: Art from Prehistory Through Middle Ages (HU & H) (3)
ARS 102: Art from Renaissance to Modernism (HU & H) (3)

Art History Upper Division Courses -- 12 credit hours
 ARS Upper Division Elective (12)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in art (art history)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in art history can help students as they pursue careers in design fields, anthropology, archaeology, cultural criticism and the curatorial practices of museums.

Contact Information:
Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
ART 102
herbergeradvising@asu.edu
480-965-8521

Asian Languages (Chinese) Minor (LACHIMIN)
Campus: Tempe

Description:
Students pursuing the minor in Asian languages with a focus in Chinese gain an understanding of the language, literature and cultures of China. Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience.

Highly motivated students interested in learning Chinese to professional-level proficiency while simultaneously pursuing the Asian languages minor with a focus in Chinese and undergraduate major of their choice are encouraged to apply to the Chinese Language Flagship Program: https://silc.asu.edu/chineseflagship (https://silc.asu.edu/chineseflagship).

Program Requirements:

The minor in Asian languages (Chinese) consists of 18 credit hours, of which 12 credit hours must be upper division.

Course substitutions are allowed for heritage and advanced speakers of the language.

Required Courses -- 10 credit hours
CHI 301: Third-Year Chinese I (G) (5)
CHI 302: Third-Year Chinese II (G) (5)

CHI Electives -- 8 credit hours
CHI 201: Second-Year Chinese I (G) AND CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II (6)
Notes: CHI 201 and CHI 202 grant 5 credit hours each. The extra 4 credits earned will be applied to the minimum 120 credit hours needed for graduation. Students may opt to take CHI 210 Intensive Chinese II, an 8 credit hour course equivalent to CHI 201 and CHI 202. The extra 2 credits earned will be applied to the minimum 120 credit hours for graduation.
CHI 307: Introduction to Literary Chinese I (HU) (3)
CHI 308: Introduction to Literary Chinese II (HU) (3)
CHI 321: Chinese Literature (HU) (3)
CHI 322: Chinese Literature (HU & G) (3)
CHI 333: China (SB & H) (3)
CHI 336: Interpreting China's Classics ((L or HU) & H) (3)
CHI 338: Daode Jing: Way to the West (L or HU) (3)
CHI 345: Chinese Film and Civilization (3)
CHI 348: Pathways into Chinese Culture (3)
CHI 380: The Chinese Language (3)
CHI 401: Fourth-Year Chinese I (G) (3)
CHI 402: Fourth-Year Chinese II (G) (3)
CHI 407: Chinese for Academic and Professional Purposes I (G) (3)
CHI 408: Chinese for Academic and Professional Purposes II (G) (3)
CHI 451: Chinese Cultural History I ((HU or SB) & H) (3)
CHI 452: Chinese Cultural History II (SB & G & H) (3)
CHI 470: Modern Chinese Literature and Culture (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Asian languages (Chinese); BA in Asian languages (Chinese) --- Chinese flagship; BA in business (Chinese language and culture)

Other Enrollment Requirements: None

Students who wish to add a minor in Asian Languages with a focus in Chinese to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Chinese studies helps students with communication and cultural competency skills as they pursue careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Contact Information:

Liberal Arts and Sciences, The College of
School of International Letters and Cultures

Asian Languages (Japanese) Minor (LAJPNMIN)

Campus: Tempe

Description:

Students pursuing the minor in Asian languages with a focus on Japanese gain an understanding of the language, literature and cultures of Japan.

There are opportunities to partake in study abroad programs, which can serve to enhance a student's minor experience and education. Students should go to https://goglobal.asu.edu/ (https://goglobal.asu.edu/) for more information.

Program Requirements:

The minor in Asian languages (Japanese) consists of 18 credit hours, of which 12 credit hours must be upper division.
Course substitutions are allowed for heritage and advanced speakers of the language.

Required Courses -- 9 credit hours
JPN 301: Third-Year Japanese I (G) (3)
JPN 302: Third-Year Japanese II (G) (3)
JPN 333: Japanese Civilization from the Ice Age to Last Thursday (3)

Elective Courses -- 9 credit hours
JPN 309: Japanese Oral Communication I (https://webapp4.asu.edu/catalog/courselist?s=JPN&l=200-299&t=2227&hon=F" > JPN 2** Elective (6)
Notes: JPN 201 (5 credit hours) and JPN 202 (5 credit hours) or JPN 210 (8 credit hours) are prerequisites to JPN 300-level language courses. A maximum of six credit hours of the JPN 200-level electives or prerequisite courses may be applied to the Japanese minor. Any remaining credit hours from the JPN 200-level courses will be applied to the 120 credit hours minimum for graduation.
(3)
JPN 310: Japanese Oral Communication II (3)
JPN 311: Japanese Composition I (G) (3)
JPN 394: Special Topics (3)
JPN 401: Reading Modern Japanese Texts ((L or HU) & G) (3)
JPN 414: Introduction to Classical Japanese (3)
JPN 415: Advanced Classical Japanese (3)
JPN 445: Readings in Modern Japanese Letters and Culture (3)
JPN 485: Japanese Literature and the Art of Translation (3)
JPN 492: Honors Directed Study or JPN 493: Honors Thesis (L) (3)
JPN 494: Special Topics (3)
JPN 499: Individualized Instruction (3)
SLC 421: Japanese Literature in Translation (3)
Notes: A maximum of 3 credit hours of SLC 421 may be applied to the Japanese minor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Asian languages (Japanese)

Other Enrollment Requirements: None

Students who wish to add a minor in Asian Languages with a focus on Japanese to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Japanese studies helps students with communication and cultural competency skills as they pursue careers fields such as these:

- diplomacy
- education
- entertainment
- foreign service
- international business
- marketing
- military
- political analysis
- sociology
- science and technology
- teaching
- tourism and hospitality

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-asian-langs-japanese-minor
DH 131
silcadvising@asu.edu
480-965-6281

Asian Pacific American Studies Minor (LAAPAMIN)

Campus: Tempe

Description:
The Asian Pacific American studies minor program prepares students to address issues of justice, equity and access at the intersections of citizenship, race and ethnicity, gender and sexuality, class and culture and to identify actions and solutions based in community experiences and community-based research across multiple disciplines. Students have the opportunity to work with a dedicated faculty committed to community-engaged research and student-centered learning.

The program educates students in social justice, the global causes and impacts of Asian and Pacific Islander migration, relational and comparative racial formations, and ethnic studies movements that have made and continue to make a difference in society for all people. The interdisciplinary faculty comprises expertise in critical ethnic studies, diaspora and globalization, U.S imperialism and settler colonialism, social networks, immigration, interracial and interethnic relations, and the health and well-being of Asian Pacific American families and communities. The faculty listing is on the Asian Pacific American studies website: https://sst.asu.edu/apas-faculty?dept=95886&id=1 (https://sst.asu.edu/apas-faculty?dept=95886&id=1).

The Asian Pacific American studies program is housed in ASU's interdisciplinary School of Social Transformation, the only school of its kind in the United States.

Program Requirements:
The minor requires completion of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Core Courses -- 6 credit hours
APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) (3)
APA 360: Asian Pacific American Experience ((HU or SB) & C) (3)

Electives (choose four) -- 12 credit hours
APA 210: Introduction to Ethnic Studies in the U.S. (C) (3)
APA 310: Asian Pacific American Arts and Cultures (HU & C) (3)
APA 315: Asian Pacific American Literature (HU & C) (3)
APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)
APA 340: Asian Pacific Americans and Media (HU & C) (3)
APA 345: Asian Pacific Americans and Film (HU & C & H) (3)
APA 360: Asian Pacific American Experience ((HU or SB) & C) (3)
APA 450: Asian Pacific American Contemporary Issues (SB & C) (3)

APA 484: Internship (3)
APA 499: Individualized Instruction (3)

APA 360 Asian Pacific American Experience is required for the core. The course may be repeated for APA elective credit if taken with different topic titles.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in Asian Pacific American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Those with a minor in Asian Pacific American studies are able to bring specialized knowledge and skills pertaining to social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Astronomy Minor (LAASTMIN)

Campus: Tempe, Online

Description:
The astronomy minor is designed for students interested in developing a basic understanding of astronomy and astrophysics and analyzing issues through a scientific viewpoint.

Program Requirements:
The minor in astronomy consists of a minimum of 23 credit hours, of which at least 12 credit hours must be upper division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 14 credit hours
AST 111: Introduction to Solar Systems Astronomy (SQ) (4)
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) (4)
AST 321: Introduction to Planetary and Stellar Astrophysics (3)
AST 322: Introduction to Galactic and Extragalactic Astrophysics (3)

Electives -- 9 credit hours
Nine upper-division credit hours of electives are chosen in consultation with an academic advisor in the School of Earth and Space Exploration.
 AST OR   MAT OR   PHY OR   SES Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatibles Majors: BS in earth and space exploration (astrophysics); BA in physics; BS in physics; BS in astronomical and planetary sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The astronomy minor supplements other degrees with problem-solving techniques and skills used in modern astronomy research applicable to a wide variety of engineering and science careers.

Contact Information:

Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Astrophysics Minor (LAASTPHMIN)

Campus: Tempe

Description:

The astrophysics minor is designed for students interested in developing a background in the theoretical modeling and observational techniques of galactic and stellar astronomy, extragalactic astronomy and cosmology.

Students completing the minor are able to think critically about scientific problems by reducing complex problems to their most important attributes and are able to design experiments, observations and theoretical models that address those attributes.

Students pursuing an astrophysics minor are expected to have a strong background in physics and mathematics.

Program Requirements:

The minor in astrophysics consists of a minimum of 20 credit hours. At least 12 credit hours must be upper division. Students complete 12 credit hours of required coursework and select one of three eight-credit hour options to complete the minor. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours
AST 321: Introduction to Planetary and Stellar Astrophysics (3)
AST 322: Introduction to Galactic and Extragalactic Astrophysics (3)
AST 421: Astrophysics I (3)
AST 422: Astrophysics II (3)

Electives Options -- 8 credit hours
Choose one of the following options for the additional eight credit hours. (8)

Option 1
SES 121: Earth, Solar System and Universe (SQ) (3)
SES 123: Earth, Solar System and Universe Laboratory (SQ) (1)
SES 126: Exploration of the Universe (3)
SES 128: Exploration of the Universe Lab (1)

Option 2
AST 111: Introduction to Solar Systems Astronomy (SQ) (4)
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) (4)

Option 3
 AST OR   MAT OR   PHY OR   SES Upper Division Elective (8)

In order to satisfy SQ natural science requirements, both a lecture and its corresponding laboratory section must be completed.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in earth and space exploration (astrophysics); other BS in earth and space exploration concentrations are only compatible with the astrophysics minor as long as option 2 or 3 of the minor are pursued

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The astrophysics minor supplements other technical degrees with advanced problem-solving techniques and skills used in modern astrophysics research which are applicable to a wide variety of engineering and science careers.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Biochemistry Minor (LABCHMIN)
Campus: Tempe, Online

Description:
The biochemistry minor program is designed to give students majoring in other disciplines a solid grounding in the basics of biochemistry to complement their major degree program. It is especially appropriate for students whose majors are in the various disciplines of life sciences, physics, engineering and geology and for students planning careers in the fields of medicine and health.

Program Requirements:
The minor in biochemistry comprises 28 credit hours of required courses, of which at least 12 credit hours must be at the upper-division level. Six of the 12 upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 28 credit hours
CHM 113: General Chemistry I (SQ) or CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) (4)
CHM 116: General Chemistry II (SQ) or CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) (4)
CHM 233: General Organic Chemistry I (3)
CHM 234: General Organic Chemistry II (3)
CHM 237: General Organic Chemistry Laboratory I (1)

Notes: ASU Online students will complete CHM 237 and 238 in person in a compressed summer format.

CHM 238: General Organic Chemistry Laboratory II (1)

BCH 341: Physical Chemistry with a Biological Focus (3)

BCH 461: General Biochemistry (3)

BCH 462: General Biochemistry (3)

BCH 467: Analytical Biochemistry Laboratory (L) (3)

Notes: ASU Online students will complete BCH 467 in person in a compressed summer format.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in applied biological sciences (all concentrations); BS in biochemistry (medicinal chemistry); BS in chemistry (environmental chemistry); BS in forensic science; BS in health sciences (preprofessional); BS in biochemistry; BA in biochemistry; BS in chemistry; BA in chemistry; BS in biological sciences (genetics, cell and developmental biology); BS in biological sciences (neurobiology, physiology and behavior)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors

A minor in biochemistry can help students as they pursue careers in medicine and health, chemical and biotechnology industries, research, government laboratories, environmental and food science, teaching and many other technical areas.

Contact Information:

Liberal Arts and Sciences, The College of

School of Molecular Sciences

https://sms.asu.edu/

PSD 104

SMSadvising@asu.edu

480-965-7667

Biological Sciences Minor (LABIOMIN)

Campus: Tempe, Online

Description:

Biological science encompasses the study of all living things and includes the study of basic organization and function, how organisms evolve, their roles in the natural environment, how hereditary information is transferred and the development of biotechnology.

The biological sciences minor is a program designed to provide students with a flexible curriculum that can be tailored to their interests.

Program Requirements:

The minor in biological sciences requires a minimum of 24 credit hours, of which at least 12 credit hours must be upper division. At least six of the upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences.

The remaining elective credit hours may be chosen from those courses in the life sciences that can be used toward the majors offered by the school. Three credits of undergraduate research or internship (BIO 390 OR BIO 484 or MBB 484 or MIC 484 OR BIO 495 or MBB 495 or MIC 495) may be allowed in the minor.

Core Minor Requirement (15-16 credits) -- 15 credit hours
BIO 181: General Biology I (SQ) (4)
BIO 182: General Biology II (SG) (4)
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins (4)
BIO 345: Evolution or MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms (3-4)

Electives (8-9 credits) -- 9 credit hours
 BIO OR   MBB OR   MIC Upper Division Elective (8-9)
Students will complete 8-9 credit hours in electives selected from the BIO, MBB or MIC prefixes, all of which must be upper-division courses. Lower-division biology courses, including but not limited to, BIO 100, BIO 201, BIO 202 and MIC 205, may not be used in the biological sciences minor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in biological sciences (all concentrations); BS in microbiology (all concentrations) and BS in molecular biosciences and biotechnology. Also incompatible with BS in medical studies, BS in nutrition, and BS in public health.

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in biological sciences can help students as they pursue careers as biologists, biological technicians, medical and clinical laboratory technologists, zoologists, geneticists, educators and more.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/undergraduate-minors-and-certificates
LSA 189
sols.advising@asu.edu
480-727-6277

Biology Minor (ASLSCMIN)

Campus: West

Description:
A minor in biology can be a valuable asset, particularly when paired with an appropriate major. For instance, a minor in biology paired with a major in political science provides a good background for someone who intends to practice environmental law.

Program Requirements:
The minor in biology consists of 19 credit hours, of which 11 must be upper division. A minimum of eight upper-division credit hours must be completed through courses offered by the School of Mathematical and Natural Sciences. Coursework taken to fulfill the requirements of the minor may not be used to fulfill requirements of a student's major. Students should consult with an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 8 credit hours

BIO 182: General Biology II (SG) (4)
CHM 116: General Chemistry II (SQ) (4)

Ecology, Cell Biology, or Genetics Requirement (select one combination) -- 4 credit hours
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory (4)
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory (4)
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory (4)

Upper-Division Electives -- 7 credit hours
BCH 371: Modern Concepts in Biochemistry (3)
BCH 372: Modern Concepts in Biochemistry Laboratory (1)
BIO 306: Modes of Biological Thought (L) (3)
BIO 320: Fundamentals of Ecology (3)
BIO 340: General Genetics (4)
BIO 345: Evolution (3)
BIO 353: Cell Biology (3)
BIO 354: Cell Biology Laboratory (1)
BIO 360: Animal Physiology (3)
BIO 370: Vertebrate Zoology (4)
BIO 385: Comparative Invertebrate Zoology (4)
BIO 410: Techniques in Conservation Biology and Ecology (L) (3)
BIO 422: Ecosystem Ecology (3)
BIO 423: Population and Community Ecology (3)
BIO 426: Limnology (L) (3)
BIO 431: Genes, Development, and Evolution (L) (3)
BIO 443: Applied Molecular Genetics and Genomics (3)
BIO 471: Ornithology (3)
BIO 474: Herpetology (4)
ENV 300 / PLB 300: Plant Diversity and Evolution (L or SG) (4)
ENV 302 / PLB 302: Plants and Civilization (L) (3)
ENV 345: Spatial Analysis in the Environmental Sciences (3)
ENV 388 / FOR 388 / LSC 388 / PLB 388 / PTX 388: STEM Research Fundamentals (L) (3)
ENV 394 / LSC 394: Animal Behavior in a Changing Environment (3)
ENV 410: Soil Science (4)
ENV 485: Environmental Impact Assessment (3)
FOR 370: Fundamentals of Forensic Analysis (4)
FOR 377: Forensic Analytical Chemistry Laboratory (2)
FOR 380 / LSC 380: Analysis of Nonhuman Forensic DNA Evidence (3)
FOR 400: Comparative Forensics (3)
FOR 401 / PTX 401: Forensic Toxicology (3)
FOR 402: Forensic Biology (3)
FOR 425 / LSC 425: Analytical Chemistry for Life Sciences (3)
FOR 426 / LSC 426: Analytical Chemistry for Life Sciences Lab (2)
FOR 447 / LSC 447: Molecular Genetics Laboratory (1)
FOR 475 / LSC 475 / PTX 475: Principles of Toxicology (3)
FOR 480 / LSC 480: Advanced Topics in Human Forensic DNA Typing (3)
LSC 322: Fundamentals of Ecology Laboratory (1)
LSC 347: Fundamentals of Genetics (3)
LSC 348: Fundamentals of Genetics Laboratory (1)
LSC 359: Animal Physiology Laboratory (1)
LSC 362: The Human Environment (3)
LSC 363: Genes, Race, Gender, and Society (L) (3)
LSC 430: Environmental and Human Toxicology (4)
LSC 432 / PTX 432: Fundamentals of Pharmacology (3)
LSC 434: Marine Ecology (3)
MIC 443: The Microbial Universe (3)
MIC 444: The Microbial Universe Laboratory (1)
PLB 308: Plant Physiology (4)
PLB 310: The Flora of Arizona (4)
PTX 301: Basics of Pharmacology and Toxicology (3)
PTX 450: Pharmacology and Toxicology Laboratory (1)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in biology; BA and BS in environmental science; BS in biology (environmental science); BS in biology (pharmacology/toxicology); BS in biotechnology and bioenterprise; BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Graduates who have included this minor with their major have a wide variety of options. They prepared to pursue graduate studies or to seek careers in diverse areas, like environmental management and conservation, health professions, laboratory research, primary and secondary school teaching, science advisement to businesses and government, and science writing.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biology-minor
FAB N100
mnsadvising@asu.edu
602-543-3000

Business Minor (BABUSMIN)

Campus: Tempe, Online

Description:

A minor in business is available to students who are interested in business courses but wish to pursue majors in other colleges. The courses available for the minor are designed to appeal to and inform the nonbusiness student while covering a broad range of topics that are important to managers, such as:

- accounting
- computer information systems
- economics
- finance
- management
- marketing
- supply chain management

Program Requirements:

Students must complete 18 credit hours (12 of which must be upper division) of the specified business courses with a grade of "C" (2.00) or better in each course. At least 12 credit hours must be taken at ASU.

Required Courses -- 15 credit hours
ACC 382: Accounting and Financial Analysis (3)
ECN 211: Macroeconomic Principles (SB) or ECN 212: Microeconomic Principles (SB) (3)
FIN 380: Personal Financial Management (3)
MGT 380: Management and Strategy for Nonmajors (3)
MKT 390: Essentials of Marketing (3)

Elective (select one) -- 3 credit hours
AGB 420: Food Advertising and Promotion (3)
AGB 445: Food Retailing (3)
AGB 456: Food Product Innovation and Development (3)
CIS 300: Web Design and Development (3)
CIS 308: Advanced Excel in Business (3)
ECN 211: Macroeconomic Principles (SB) or ECN 212: Microeconomic Principles (SB) (3)

FIN 331: Financial Markets and Institutions (3)
LES 380: Consumer Perspective of Business Law (3)
MKT 391: Essentials of Selling (3)
MKT 395: Essentials of Advertising and Marketing Communication (3)
MKT 398: Essentials of Sports Business (3)
REA 380: Real Estate Fundamentals (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.
The upper-division courses specified for the minor are restricted to students with a minimum of 56 earned credit hours and a minimum 2.00 ASU cumulative GPA.
The College of Liberal Arts and Sciences Economics majors must use ECN 211 and ECN 212 in their degree and will take an additional elective to replace that requirement in the minor.
ACC 231 may substitute for ACC 382, if previously taken.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: all W. P. Carey School of Business undergraduate degree programs

Other Enrollment Requirements: None

This minor is open to non-Business majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies to complement the marketable knowledge and skills they acquire in their majors.

A minor in business can help students with understanding the foundations of business as they pursue careers in management or sales within their industry.

Contact Information:
Business, W. P. Carey School of
Dean, W.P. Carey School of Business
https://wpcarey.asu.edu/undergraduate-degrees/business-minor
BA 160
wpcareyug@asu.edu
480-965-4227

Chemistry Minor (ASCHMMIN)
Campus: West

Description:
The minor program in chemistry offered by the School of Mathematical and Natural Sciences gives students expanded proficiency in the area of chemistry. The program's additional biochemistry and analytical chemistry courses give students more experience in the advanced and integrative fields of chemistry.

Many of the growing career fields, such as forensic sciences, medicine and environmental quality, require a greater amount of chemistry than in the past. Therefore, students with a stronger chemistry background have a competitive advantage in these fields, and this chemistry minor highlights that expanded chemistry knowledge for students' future schools and employers.

Program Requirements:
The minor in chemistry consists of 25 credit hours. A minimum of nine upper-division credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00).

Core Requirements -- 25 credit hours
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory (4)

CHM 113: General Chemistry I (SQ) (4)
CHM 116: General Chemistry II (SQ) (4)
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I (4)
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II (4)
LSC 425: Analytical Chemistry for Life Sciences AND LSC 426: Analytical Chemistry for Life Sciences Lab (5)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA and BS in biology; BA and BS in environmental science; BS in biology (pharmacology/toxicology); BS in biology (environmental science); BS in biotechnology and bioenterprise; BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Students with a minor in chemistry are employed in a variety of fields and are well suited in positions such as laboratory technician, research assistant, environmental scientist, technical advisor, science communication professional, hazard communication, chemical education and consultancy.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/chemistry-minor
FAB N100
mnsadvising@asu.edu
602-543-3000

Chemistry Minor (LACHMMIN)

Campus: Tempe

Description:
The chemistry minor program is designed to give students majoring in other disciplines a solid grounding in the basics of chemistry in order to complement their major degree. It is especially appropriate for students whose majors are in the various disciplines of physics, materials science, geology, engineering and life sciences.

Program Requirements:
The minor in chemistry comprises 28 credit hours of required courses, of which at least 12 credit hours must be completed at the upper-division level. Six of the 12 upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 20 credit hours
CHM 113: General Chemistry I (SQ) or CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) (4)
CHM 116: General Chemistry II (SQ) or CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) (4)
CHM 233: General Organic Chemistry I (3)
CHM 237: General Organic Chemistry Laboratory I (1)
CHM 234: General Organic Chemistry II (3)
CHM 238: General Organic Chemistry Laboratory II (1)
CHM 325: Analytical Chemistry (3)
CHM 326: Advanced Analytical Chemistry Laboratory (1)
Notes: CHM 325 and CHM 326 should be completed at the Tempe campus for this minor.

Options -- 8 credit hours
Choose one of the following options for the additional 8 credit hours. (8)

Option 1
BCH 361: Advanced Principles of Biochemistry (3)
BCH 367: Elementary Biochemistry Laboratory (1)
CHM 341: Elementary Physical Chemistry (3)
Notes: BCH 341 may not be used to substitute CHM 341.
CHM 343: Elementary Physical Chemistry Laboratory (1)

Option 2
CHM 345: Physical Chemistry I (3)
Notes: CHM 345 and CHM 348 are only offered in the Fall semester.
CHM 348: Physical Chemistry Laboratory I (L) (1)
CHM 346: Physical Chemistry II (3)
Notes: CHM 346 and CHM 349 are only offered in the Spring semester.
CHM 349: Physical Chemistry Laboratory II (L) (1)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in applied biological sciences (all concentrations); BS and BA in biochemistry; BS in biochemistry (medicinal chemistry); BS and BA in chemistry; BS in chemistry (environmental chemistry); BS in forensic science; BS in health sciences (preprofessional); BS in nutrition; BS in nutrition (human nutrition)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A chemistry minor can benefit those who pursue careers in chemical and electronics industries, manufacturing and environmental industries, in national research labs and forensic labs.

Contact Information:
Liberal Arts and Sciences, The College of
School of Molecular Sciences
https://sms.asu.edu/
PSD 104
SMSadvising@asu.edu
480-965-7667

Civic and Economic Thought and Leadership Minor (LACELMIN)
Campus: Tempe

Description:
The minor program in civic and economic thought and leadership trains students to read and understand influential ideas in philosophy, economics and politics in order to become leaders in their field of study. Through faculty use of the Socratic method teaching style, students are challenged in the classroom and forced to think critically about the problems that impact society today.

Students in the minor participate in a high-impact curriculum and are eligible for a global intensive experience, leadership seminars, an internship program and special access to prominent scholars and visiting fellows.

Program Requirements:

The minor in civic and economic thought and leadership requires 18 credit hours, of which 12 credit hours must be upper division. At least 12 credit hours must be taken from ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours
CEL 100: Great Ideas of Politics and Ethics (HU) (3)
CEL 200: Great Debates in American Politics (HU) (3)
CEL 300: Debating Capitalism (3)
CEL 475: Statesmanship and American Grand Strategy (HU) (3)

Upper-Division Electives -- 6 credit hours
CEL 305: Classical Political Philosophy and Statesmanship: The Greeks (3)
CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty (3)
CEL 345: Modern Economic Classics (3)
CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826 (3)
CEL 484: Internship (https://webapp4.asu.edu/catalog/courselist?s=CEL&l=300-399&t=2227&hon=F" > CEL 3** Elective (3)
(3)
CEL 493: Honors Thesis (3)
 CEL 4** Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in civic and economic thought and leadership; BS in civic and economic thought and leadership

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

A minor from the School of Civic and Economic Thought and Leadership can support a student's major and may be considered a benefit when a student is interviewing for a job or applying to graduate school. Completing a minor program shows employers or schools that the student is focused on educational goals and can handle the additional workload.

Students interested in careers as lawyers, doctors, journalists, educators, law enforcement officials and political scientists benefit from this liberal arts education that provides the academic foundation they need to ask informed questions, make sound decisions for the common good and solve the difficult problems that leaders confront in any discipline.

Contact Information:

Liberal Arts and Sciences, The College of
School of Civic & Economic Thought and Leadership
https://scetl.asu.edu/
COOR 6611
scetladvising@asu.edu
480-965-0155

Communication Minor (HSCMNMIN)

Campus: West

Description:

The minor program in communication provides students the opportunity to understand the role and function of communication in cultural, public, organizational and relational contexts. The program offers a flexible set of courses and is designed for students majoring in another field.

Program Requirements:

The minor in communication consists of 18 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six upper-division

credit hours must be taken through the School of Social and Behavioral Sciences. Students wishing to pursue the minor must meet with an academic advisor to construct a set of courses that reflect a particular area of specialty and interest. All courses must be passed with a minimum grade of "C" (2.00).

Required Courses -- 6 credit hours
COM 100: Introduction to Human Communication (SB) (3)
COM 225: Public Speaking (L) (3)

Upper Division COM Electives -- 12 credit hours
 COM Upper Division Elective (12)
Notes: Up to three credit hours of COM 382, 383, 483, 484, 498 or 499 may be applied toward the minor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA and BS in communication

Other Enrollment Requirements: None

The minor in communication is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The minor in communication is a strong addition to any major. The minor enhances student preparation for employment in diverse areas such as advertising, corporate communications, crisis management, health communications, human resource management, media and public relations, social media, and training and development.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/communication-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Communication Minor (LACOMMIN)

Campus: Tempe, Online

Description:
The minor program in communication focuses on teaching students how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Program Requirements:
The minor in communication consists of 18 credit hours. Nine of the 18 credit hours must be ASU resident credit courses, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
COM 100: Introduction to Human Communication (SB) (3)
COM 225: Public Speaking (L) or COM 259: Communication in Business and the Professions (3)

Minor Electives (choose two) -- 6 credit hours
COM 310: Relational Communication (SB) (3)
COM 312: Communication, Conflict, and Negotiation (3)

COM 316: Gender and Communication (SB & C) (3)
COM 323: Communication Approaches to Popular Culture (C) (3)

Related Area -- 6 credit hours
SGS OR   APA OR   AFR OR   TCL OR   AIS Upper Division Elective (6)

No pass/fail, "Y" credit or credit/no-credit courses are allowed.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA and BS in communication

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in communication can help students as they pursue careers in marketing, education or public relations.

Contact Information:
Liberal Arts and Sciences, The College of
Hugh Downs School of Human Communication
https://humancommunication.asu.edu/
STAUF A412
communication@asu.edu
480-965-5095

Communication Minor (LSCOMMIN)

Campus: Downtown Phoenix, Polytechnic

Description:
The minor in communication provides exposure to practical and theoretical aspects of communication, focusing on message-based processes that create, maintain and transform identities, relationships, organizations and cultures.

Program Requirements:
This minor requires 18 credit hours of communication courses.
Six credit hours must be taken from COM courses offered by the College of Integrative Sciences and Arts.

Required Courses -- 6 credit hours
COM 100: Introduction to Human Communication (SB) (3)
COM 430: Leadership in Group Communication (3)

Elective Courses -- 12 credit hours
 COM Elective (3)
 COM Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA or BS in communication

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in communication can help students as they pursue careers in marketing, law, human resources, management and numerous related fields.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
AZCNTR 380
CISA@asu.edu
602-496-0271

Community Health Minor (NUCHLTMIN)

Campus: Downtown Phoenix, West

Description:

The minor in community health is designed for those who want to create healthy, sustainable communities.

Community health focuses on the actions and conditions needed for the health and well-being of individuals, families and communities. Students acquire skills for working with teams in diverse settings to formulate research-based strategies that assist individuals to make healthy and sustainable lifestyle choices.

Program Requirements:

A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 18 credit hours
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) (3)
HCR 231: Fundamentals of Community Health (3)
HCR 331: Communication within Communities (3)
HCR 335: Program Development and Management for Community Health (3)
HCR 336: Environmental Community Health (3)
HCR 435: Leaders in Community Health (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in community health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Students pursuing a minor find that the courses in a minor complement and enhance the skill sets and knowledge acquired while pursuing a major program.

Although most career areas require more training than a minor can provide, students pursuing the community health minor learn about health care and, specifically, the impact communities have on health care. Graduates often pursue employment in an organization focused on health care.

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

https://nursingandhealth.asu.edu/programs/minors

MERCC 250

EdsonCollege.advising@asu.edu

602-496-0888

Community Sports Management Minor (PPCSMMIN)

Campus: Downtown Phoenix

Description:

The community sports management minor focuses on developing skills that support recreational amateur sport programs within the community.

Sport programs exist in a number of settings, including nonprofit organizations, public agencies and corporate programs. For students interested in a career in one of these settings or for those who are simply interested in sport, this minor can provide additional relevant skills.

This minor provides the basics of community sport management and supplements a degree in a community-oriented profession.

Program Requirements:

Core Courses -- 12 credit hours

CSM 201: Introduction to Parks, Recreation and Sport Management (3)

Notes: Offered fall semester only

CSM 305: Sports Facility Operations and Management (3)

Notes: Offered spring semester only

CSM 407: Ethics and Legal Issues in Sports (3)

Notes: Offered fall semester only

PRM 315: Creating Community Through Park and Recreation Systems (3)

Notes: Offered fall semester only

Electives (choose two courses) -- 6 credit hours

CSM 335: Sports and Recreation for Youth Development (3)

Notes: Offered spring semester only

CSM 483: Sports Tourism (3)

Notes: Offered spring semester only

CSM 485: Sports Events (3)

Notes: Offered spring semester only

NLM 220: Introduction to Nonprofit Organizations (3)

NLM 310: Volunteer Management (3)

PRM 364: Foundations of Recreation Therapy (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in community sport management can help students as they pursue careers, such as coaches and sports marketing managers.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

https://scrd.asu.edu

UCENT 550

scrdadvising@asu.edu

602-496-0550

Computational Mathematical Sciences Minor (LACMSMIN)

Campus: Tempe

Description:

The computational mathematical sciences minor offers a structured curriculum that includes a foundation in calculus with a focus on applied math. Students develop a framework of scientific computing and numerical analysis skills.

Program Requirements:

The minor in computational mathematical sciences consists of a minimum of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and all courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 18 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)

MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

MAT 420: Scientific Computing (3)

MAT 421: Applied Computational Methods (CS) (3)

MAT 423: Numerical Analysis I (CS) or MAT 425: Numerical Analysis II (CS) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics; BS in data science; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

A minor in computational mathematical sciences is one of the most versatile minors, offering students many potential career options. This minor assists in positioning students for careers in computer technology, business, medical research, teaching and education, engineering and more.

Diverse areas of study such as cancer modeling, weather forecasting and financial modeling all involve computational mathematical sciences.

Contact Information:

Liberal Arts and Sciences, The College of

School of Mathematical and Statistical Sciences

https://math.asu.edu/
WXLR A208
math@asu.edu
480-965-7195

Conflict Resolution Minor (ASCNRMIN)

Campus: West

Description:

The minor program in conflict resolution introduces students to theories and practices that enable them to understand, address and transform conflict while dealing with challenges both at the micro and the macro levels in professional and cross-cultural contexts and in individual and collective interactions.

Program Requirements:

The minor in conflict resolution consists of 15 credit hours. A minimum of nine credit hours must be upper division. A minimum of six upper-division credit hours of communication courses must be taken through the School of Social and Behavioral Sciences. All courses must be passed with a minimum grade of "C" (2.00).

Required Courses -- 15 credit hours
COM 100: Introduction to Human Communication (SB) (3)
COM 312: Communication, Conflict, and Negotiation (3)
COM 371: Language, Culture, and Communication (SB & C & G) or COM 463: Intercultural Communication in a Global Context (SB & G) (3)
COM 423: Facilitating Collaboration and Dialogue or COM 432: Forgiveness and Reconciliation (3)
PAX 230: Introduction to Peace Studies (G) or JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)

COM 100 is a prerequisite to COM 312. If COM 100 has already been taken as a major requirement, a communication upper-division elective may be substituted.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: COM 312, a required course in the minor has a minimum GPA of 2.00.

Incompatible Majors: BA in conflict resolution

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Students who complete the minor take an interdisciplinary approach to conflict resolution while being grounded in communication. With this solid background, they are ready to pursue further education or careers in diverse areas and in relevant professions, such as:

- arbitrators, mediators, conciliators
- educators
- guidance counselors
- human resource managers or specialists
- marriage and family therapists
- patient representatives
- residential advisors
- social and community service managers

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/conflict-resolution-minor
FAB N100
SBSadvising@asu.edu

602-543-3000

Construction Management Minor (ESCMGMIN)

Campus: Tempe

Description:

The minor program in construction management is comprised of coursework in construction management processes incorporating the technology and industry practices required to ensure a quality-built environment.

Due to industry demands for increased numbers of skilled personnel, this minor provides much needed supplementary knowledge for architecture, engineering and business majors as well as students majoring in sustainability.

Program Requirements:

The minor in construction management requires 21 credit hours. A minimum cumulative 2.00 ASU GPA is needed to complete the minor.

Core Required Courses -- 21 credit hours
CON 244: Working Drawing Analysis (2)
CON 251: Microcomputer Applications for Construction (3)
CON 252: Building Construction Methods, Materials, and Equipment (3)
CON 383: Construction Estimating (4)
CON 453: Construction Technology (3)
CON 495: Construction Planning and Scheduling (CS) (3)
CON 496: Construction Contract Administration (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in construction management; BSE in construction engineering

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Construction management graduates can be employed as:

• building services engineer
• building surveyor
• facilities manager
• site engineer
• sustainability consultant

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Envirnmt
https://ssebe.engineering.asu.edu/
CAVC 437
sebe.advising@asu.edu
480-965-0595

Counseling and Applied Psychological Science Minor (LSCAPSMIN)

Campus: Polytechnic, Online

Description:

Counseling and applied psychology coursework focuses on the promotion of psychological well-being. Students learn basic counseling skills and techniques to complement a variety of social science and health majors, including psychology, public health, interdisciplinary studies, social work and the humanities, among many others.

Program Requirements:
Required Courses -- 9 credit hours
CAP 120: Introduction to Counseling (SB) (3)
CAP 220: Self in a Multicultural Society (C) (3)
CAP 240: Counseling Skills (3)

Electives (choose four courses) -- 12 credit hours
CAP 310: Addictions I: Foundations and Basic Principles (3)
CAP 315: Trauma and Crisis Intervention (3)
CAP 320: Theories of Counseling and Psychotherapy (3)
CAP 325: Professional Practice and Ethics in Counseling (3)
CAP 330: Group Counseling (3)
CAP 335: Addiction Group Counseling (3)
CAP 340: Multicultural Counseling Theory and Practice (3)
CAP 342: Community Outreach, Prevention and Intervention (3)
CAP 351: Issues in Assessment, Diagnosis and Treatment (3)
CAP 420: School Counseling (3)
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention (3)
CAP 494: Combat Trauma (3)
CAP 494: Counseling Military Veterans (3)
FAS 331: Modern Family Relationships (SB) (3)
FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)
JUS 305: Principles of Justice Studies (SB) (3)
PSY 315: Personality Theory and Research (SB) (3)
PSY 320: Learning and Motivation (3)
PSY 341: Developmental Psychology (SB) (3)
PSY 350: Social Psychology (SB) (3)
PSY 366: Abnormal Psychology (SB) (3)
PSY 369: Biology of Human Sexuality (3)
PSY 385: Psychology of Gender (SB) (3)
PSY 444: Adolescent Psychology and Psychopathology (3)
PSY 472: Clinical Psychology (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in counseling and applied psychological science

Other Enrollment Requirements: None

The minor in counseling and applied psychological science is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

A minor can help students enhance the marketable skills they acquire in their major, diversify their skills with training in another discipline, and improve their future job outlook. Although most careers require more training than a minor alone can provide, a minor in counseling and applied psychological science can add value for students who pursue careers in education, social work or health care.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

Criminology and Criminal Justice Minor (PPCRJMIN)

Campus: Downtown Phoenix, Online

Description:
The minor program in criminology and criminal justice allows students in other undergraduate programs at ASU to explore issues of crime, law and the criminal justice system. The program provides students with the tools to analyze complex issues and policies within the criminal justice system, enhancing students' ability to understand the nature of crime and the system response to law breaking.

In addition to the three required courses which provide a solid understanding of the field, each student selects electives to meet specific interests.

Criminal justice majors may not pursue a minor in criminology and criminal justice.

Program Requirements:
For this minor, students will:
1. at minimum, be in junior standing to take upper-division courses.

2. complete CRJ 100 as the prerequisite for all upper-division CRJ courses.
3. complete a minimum of 18 credit hours of graded classroom and online course work (internship or independent study not applicable).
4. complete a minimum of 12 credit hours of CRJ resident credit at ASU.
5. earn a grade of "C" (2.00 on a 4.00 scale) or better for all courses in the minor.
6. consider meeting with a criminal justice advisor prior to registration.

Required Courses -- 6 credit hours
CRJ 100: Introduction to Criminal Justice (SB) (3)
CRJ 309: Criminology (SB) (3)

Choose one of the following -- 3 credit hours
CRJ 203: Courts and Sentencing (3)
CRJ 230: Introduction to Policing (3)
CRJ 240: Introduction to Corrections (3)

Choose one of the following -- 3 credit hours
CRJ 305: Gender, Crime, and Criminal Justice (C) (3)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) (3)

CRJ Electives -- 6 credit hours
 CRJ Upper Division Elective (6)
Notes: Choose any two CRJ courses at the 300- or higher level.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in criminology and criminal justice; BS in public service and public policy with the following concentrations: criminology, law and policy, or emergency management and homeland security

Other Enrollment Requirements: None

Applicants are asked to meet with a criminal justice advisor prior to registration.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Graduates of the criminology and criminal justice minor find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud investigation
- corrections
- the courts
- domestic terrorism investigation
- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices
- victim advocate agencies

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Dance Minor (FADANMIN)
Campus: Tempe

Description:
The minor program in dance provides an inclusive, dynamic and culturally diverse learning environment in which students develop their creativity as artists, scholars and educators. The innovative curriculum promotes creative collaboration and a holistic approach to acquiring skills for successful career transitions. Movement practices, performance and creativity practice define the core of the program. The rich educational experience is further enhanced by studies in:

- criticism
- dance cultures
- dance history
- digital media
- movement science
- music
- pedagogy and leadership
- philosophy
- production
- somatics

Program Requirements:
The minor in dance consists of 20 credit hours of coursework, including nine upper-division credit hours. A minimum grade of "C" (2.00) or higher is required in all classes for the minor.

A minimum GPA of 3.00 in minor courses is required to earn the minor in dance.

Choose one course -- 3 credit hours
DCE 100: Introduction to Dance (HU) (3)
DCE 201: Dance, Culture, and Global Contexts (HU) (3)
DCE 202: Dance in U.S. Popular Culture (HU & C) (3)
DCE 203: The Walking Body (HU) (3)
DCE 205: How Dance Matters: A Sociocultural Framing (C) (3)

Choose one from the following -- 3 credit hours
DCE 300: Dancing Histories (HU) (3)
DCE 301: Dance Analysis and Theory (L or HU) (3)
DCE 303: The Body Condition(ed) (SB) (3)
DCE 350: Dance in the Classroom: Learning Through Movement (HU) (3)
DCE 402: Ethnography of Dance Practices (L) (3)
DCE 404: Dance and Ethics (L) (3)
DCE 405: Writing the Creating Body (L or HU) (3)

Choose four courses from the following -- 8 credit hours
Students interested in enrolling in movement courses reserved for dance majors must gain instructor permission prior to enrolling.

DCE 110: Argentine Tango I (2)
DCE 111: Belly Dance I (2)
DCE 112: Capoeira I (2)
DCE 113: Dances of Africa I (2)
DCE 114: Dances of India I (2)
DCE 115: Yoga I (2)
DCE 116: T'ai Chi Chuan I (2)
DCE 117: Feldenkrais I (2)
DCE 118: Yoga/Pilates (2)
DCE 120: Contemporary/Modern I (2)
DCE 121: Ballet I (2)
DCE 122: Jazz I (2)
DCE 123: Nonmajors Hip Hop I (2)
DCE 124: Latin/Swing/Ballroom I (2)
DCE 125: Afro-Latin Salsa I (2)
DCE 126: Country-Western (2)
DCE 133: Hip Hop I (2)
DCE 134: Postmodern Contemporary I (2)
DCE 135: Contemporary Ballet I (2)
DCE 136: Introduction to Somatic Movement (2)
DCE 139: Afro-Latin Movement Practices I (2)
DCE 194: Special Topics (2)
DCE 210: Argentine Tango II (2)
DCE 211: Belly Dance II (2)
DCE 216: T'ai Chi Ch'uan II (2)
DCE 220: Contemporary/Modern II (2)
DCE 221: Ballet II (2)
DCE 222: Jazz II (2)
DCE 223: Nonmajors Hip Hop II (2)
DCE 224: Latin/Swing/Ballroom II (2)
DCE 225: Afro-Latin/Salsa II (2)
DCE 240: Media for Dance (CS) (3)
DCE 294: Special Topics (2)
DCE 324: Latin/Swing/Ballroom III (2)

Upper Division Dance Electives -- 6 credit hours
 DCE Upper Division Elective (6)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: All dance majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in dance can help students as they pursue careers in fields such as arts administration, teaching, acting and fitness.

Contact Information:

Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/
GHALL 232A
mdtadmissions@asu.edu
480-965-4206

Data Science Minor (LADATSCMIN)

Campus: Tempe, Online

Description:

A minor in data science provides students with skills in statistics, probability and coding in the context of large data sets. Students in this minor become useful consumers and producers of data. They understand and manipulate data sets to make conclusions and recommendations that can have an impact in real world settings.

Program Requirements:

The minor in data science consists of a minimum of 25 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.

Required Courses -- 25 credit hours
DAT 250: Data Science and Society (3)
DAT 300: Mathematical Tools for Data Science (3)
DAT 301: Exploring Data in R and Python (4)
DAT 401: Statistical Modeling and Inference for Data Science (3)
DAT 402: Machine Learning for Data Science (3)
MAT 265: Calculus for Engineers I (MA) or MAT 270: Calculus with Analytic Geometry I (MA) (3-4)
MAT 266: Calculus for Engineers II (MA) or MAT 271: Calculus with Analytic Geometry II (MA) (3-4)
MAT 343: Applied Linear Algebra (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: N/A

Incompatible Majors: All majors in the School of Mathematical and Statistical Sciences

Other Enrollment Requirements: N/A

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in data science can help students with mathematical, statistical and computational modeling; data analysis; programming; and critical thinking skills as they pursue careers in business, medicine, insurance and research (government and private sectors). The intent of this minor is to apply the skills learned into any academic field of study to enhance the understanding of an increasingly data-based society.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR 208
Math@asu.edu
480-965-7195

Design Studies Minor (ARDSNMIN)

Campus: Tempe

Description:
Students interested in design can earn a minor in design studies through this nonstudio-based program of study that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

The courses may also appeal to students who wish to pursue the study of design within the BA program in interdisciplinary studies.

Program Requirements:
Courses selected must satisfy the minimum requirement of 18 credit hours for the minor. Twelve of the credit hours must be in 300-level or 400-level coursework.
To enhance understanding of the subject matter, some of the designated courses are sequential in nature and require certain prerequisites. Consequently, students should carefully note the semester in which these particular courses are offered. All designated courses for the minor in design studies are lecture courses.

Lower-Division Design Studies -- 6 credit hours
ALA 100: Introduction to Environmental Design (HU & H & G) (3)
ALA 102: Landscapes and Sustainability (HU & G) (3)
DSC 101: Design Awareness (HU & G) (3)
EDS 223: Design Thinking (3)
GRA 101: Designing Life (3)
GRA 111: Graphic Design History I (HU) (3)
GRA 112: Graphic Design History II (3)
GRA 225: Communication/Interaction Design Theory (3)
GRA 294: Illustrator (3)
GRA 294: InDesign (3)
GRA 294: Photoshop (3)
IND 242: Materials and Design (3)
IND 243: Design for Ecology and Social Equity (3)
INT 111: Interior Design Issues and Theories (HU) (3)
INT 121: Introduction to Computer Modeling for Interior Design (CS) (3)
INT 123: Introduction to Computer-Aided Design and Building Information Modeling (3)
INT 131: Design and Human Behavior (SB) (3)
LAP 251: Plant Materials for Sustainable Landscapes (3)

Upper-Division Design Studies -- 12 credit hours

APH 300: World Architecture I/Western Cultures (HU & H & G) or APH 313: History of Architecture I ((L or HU) & G & H) (3)

APH 314: History of Architecture II ((L or HU) & G & H) (3)

APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H) (3)

APH 414: Great Cities ((L or HU) & H) (3)

APH 421: First Concepts: What is... The Writing, Philosophy, and Culture of Architecture (L or HU) (3)

APH 461: Charles and Ray Eames (HU) (3)

APH 494: Special Topics (3)

DSC 394: Design Entrepreneurship & Society (3)

DSC 494: Special Topics (3)

EDS 301: Sustainable Community Design and Practices (HU) (3)

GRA 345: Design Rhetoric (L) (3)

GRA 401: Creative Environment (3)

GRA 440: Finding Purpose (3)

IND 316: 20th-Century Design I (HU & H) (3)

IND 317: 20th-Century Design II (HU & H) (3)

IND 344: Human Factors in Design (3)

IND 354: Principles of Product Design (3)

INT 310: History of Interior Design I (HU & H) (3)

INT 311: History of Interior Design II (HU & H) (3)

INT 415: Latin American Design or INT 494: Design and Culture in Latin America (3)

INT 494: Contemporary Design Issues in Europe (3)

INT 494: Design and Context (3)

LAP 311: History of Landscape Architecture (HU & H) (3)

LAP 312: 20th-Century Landscape Architecture (HU) (3)

LAP 485: International Field Studies (G) (3)

LAP 494: Special Topics (3)

LPH 494: Special Topics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: All majors in The Design School as well as the BA in design studies and the BA in design studies with a concentration in design management

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge
and skills they acquire in their majors.

A minor in design studies is intended to provide an overview of design processes and design thinking that can benefit any major within the ASU system. Many industries, including business and engineering, seek candidates with experience and understanding of design thinking since those possessing that skill have a unique method of approaching ongoing problems with new insights which lead to solutions.

Contact Information:

Design and the Arts, Herberger Institute for
The Design School
https://herbergerinstitute.asu.edu/
CDS 101
herbergeradvising@asu.edu
480-965-4495

Digital Audiences Minor (CSDAUMIN)

Campus: Downtown Phoenix, Online

Description:

Who are digital consumers? How can they be measured? And how can data-driven strategy better engage and grow audiences?

By exploring the users of websites, social networks and apps, and applying techniques across digital analytics, social media campaigns, network analysis, search engine optimization and search engine marketing, students who pursue the digital audiences minor gain a rich understanding of how to acquire and engage audiences.

The program uses real cases from real brands and organizations to explore tools like Google Analytics and Facebook Ads and tactics like hashtag analysis and competitive keyword research. Upon completion, students have a portfolio of real client work and the skills to strategically grow digital audiences and harness analytics to drive organizational change.

Program Requirements:

Students must complete MCO 307 first. In order to enroll in the course, students must have a 2.00 cumulative GPA.
To be awarded the minor, students must earn a "C" or better in all courses.

Required Courses -- 15 credit hours
MCO 307: The Digital Audience (3)
MCO 433: Social Media Campaigns, Engagement and Research (3)
MCO 434: Search Engine Research and Strategy (3)
MCO 438: Digital Audience Analysis (3)
MCO 439: Digital Audience Growth (3)

Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in digital audiences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic adviser or the Cronkite School advising department for more information: https://cronkite.asu.edu/advising/undergraduate/ (https://cronkite.asu.edu/advising/undergraduate/).

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

The digital audiences minor can help students as they pursue careers in digital advertising, SEO, social media strategy and email marketing, or roles in communication, marketing, engagement and strategy at organizations in their major fields.

Contact Information:

Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csdaumin/
CRONK 222
cronkiteadvising@asu.edu
602-496-5055

Digital Culture Minor (HIDGCMIN)

Campus: Tempe

Description:

With the digital culture minor, students enhance their program of study with integrated, interdisciplinary training in creative processes and technical skills in new media with cultural applications.

Students develop both the technical skills to create computational media and the cultural skills to know when or why to apply them. Students in the digital culture minor learn to create computational media (computation combined with objects, sound, video, time, space, culture and bodies); breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in the dynamic 21st century.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Program Requirements:

The digital culture minor requires 21 credit hours, of which 12 are upper division. Courses for the minor may not be used as part of a major. A minimum of 12 upper-division credit hours taken at ASU is required.

Required Digital Culture Studies Courses -- 6 credit hours
AME 111: Introduction to Digital Culture (CS) (3)
AME 112: Computational Thinking for Digital Culture or AME 230: Programming for the Media Arts (CS) (3)

Digital Culture Studies -- 6 credit hours
AME 112: Computational Thinking for Digital Culture (3)
AME 130: Prototyping Dreams (L) (3)
AME 210: Media Editing (3)
AME 220: Programming for the Web (3)
AME 244: Introduction to Interactive Environments (3)
AME 294: Special Topics (3)
AME 310: Media Literacies and Composition (3)
AME 320: Motion Capture for Integrative Systems (3)
AME 330: Digital-Physical Systems (3)
AME 340: Compositional and Computational Principles for Media Arts (3)
AME 394: Special Topics (3)
AME 410: Interactive Materials (3)
AME 411: Advanced Interactive Sound (3)
AME 430: Mac Development for Media Arts (3)
AME 435: Mobile Development (3)
AME 444: Media Installations (3)
AME 470: Programming for Social and Interactive Media (3)
AME 485: Digital Culture Capstone I (3)
AME 494: Special Topics (3)
ART 378: Digital Textiles (3)
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture (3)
FSH 394: Fashion Design & Wearable Technology (3)
MDC 211: Introduction to Digital Sound (3)
MDC 311: Composing and Performing for Hybrid Ensembles (3)
MDC 411: Advanced Interactive Sound (3)

Digital Media -- 6 credit hours
AME 294: Special Topics (3)
AME 394: Special Topics (3)
AME 494: Special Topics (3)
ART 116: Introduction to Digital Media (3)
ART 206: Digital Photography I (3)
ART 217: Introduction to Computer Animation (3)
ART 218: 3D Tools (3)
ART 308: 2D Digital Animation (3)
ART 346: 3-D Computer Imaging and Animation (CS) (3)
ART 348: Animation Motion Studies (3)
ART 394: Digital Photography for Non-Majors (3)
ART 424: Stop Motion Animation (3)
ART 438: Moving and Interactive Systems in Sculpture (3)

ART 440: Experimental Video Art (3)

ART 444: Documentary Video Art (3)

ART 494: Visual Prototyping (3)

CIS 300: Web Design and Development (3)

CPI 111: Game Development I (CS) (3)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture (3)

EDT 440: Creating and Marketing Mobile Apps (3)

EEE 307: Signal Processing for Digital Culture (3)

FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro (3)

FMP 240: Introduction to Animation for Film (3)

FMP 255: Media Authorship (CS) (3)

FMP 315: Sound Design for Film and Media I (3)

GIT 135: Graphic Communications (3)

GIT 215: Introduction to Web Authoring (3)

GIT 230: Digital Illustration in Publishing (3)

GRA 294: Illustrator (3)

GRA 294: InDesign (3)

GRA 294: Photoshop (3)

IAP 103: Foundations I: Interdisciplinary Art Practice (3)

IAP 104: Foundations I: Fundamentals of Sound Art (3)

IAP 322: Multitrack Digital Recording (3)

IAP 361: Digital Editing and Media Literacy (CS) (3)

IAP 364: Documentaries (3)

IAP 394: Motion Graphics & Animation (3)

IAP 462: Games and Play (3)

MDC 211: Introduction to Digital Sound (3)

MDC 311: Composing and Performing for Hybrid Ensembles (3)

Related Digital Culture or Historical/Theoretical -- 3 credit hours

ALA 100: Introduction to Environmental Design (HU & H & G) (3)

ALA 102: Landscapes and Sustainability (HU & G) (3)

APH 300: World Architecture I/Western Cultures (HU & H & G) (3)

APH 313: History of Architecture I ((L or HU) & G & H) (3)

APH 314: History of Architecture II ((L or HU) & G & H) (3)

ARA 202: Understanding Photographs (3)

ARA 396: Professional Practices for Design and the Arts (3)

ARS 102: Art from Renaissance to Modernism (HU & H) (3)

ARS 345: Art and Television (3)

ARS 394: Anime (3)

ARS 438: Art of the 20th Century I (HU & H) (3)

ARS 439: Art of the 20th Century II (HU & H) (3)

ASB 344: Technology and Society (L or SB) (3)

DCE 300: Dancing Histories (HU) (3)

DSC 101: Design Awareness (HU & G) (3)

ENT 290: Entrepreneurship: Opportunity to Impact (3)

ENT 305: Principles of Entrepreneurship (3)

FMP 403: Independent Film (HU) (3)

FMP 404: World Cinema (G) (3)

FMP 405: Film and Television: Pioneers, Practices and Innovations (3)

GRA 111: Graphic Design History I (HU) (3)

GRA 112: Graphic Design History II (3)

HDA 210: Creativity and Innovation in Design and the Arts (3)

HDA 252: Foundations Arts and Design Entrepreneurship (3)

HDA 310: Socially Engaged Practice (3)

IAP 102: Foundations I: Performance Techniques and Composition (3)

IAP 105: Foundations I: Fundamentals of Visual Art (3)

IND 316: 20th-Century Design I (HU & H) (3)

IND 317: 20th-Century Design II (HU & H) (3)

INT 111: Interior Design Issues and Theories (HU) (3)

INT 310: History of Interior Design I (HU & H) (3)

INT 311: History of Interior Design II (HU & H) (3)

MHL 440: Topics in 20th-Century Music (L or HU) (3)

MUS 347: Jazz in America (HU & C) (3)

MUS 354: Popular Music (3)

MUS 356: Broadway and the American Musical (HU) (3)
SOC 334: Technology and Society (L or SB) (3)
THE 320: History of the Theatre I (HU & H) (3)
THE 321: History of the Theatre II (HU & H) (3)
THE 322: Theatre History and Culture (HU & H) (3)
THP 482: Theatre for Social Change (C) (3)

Students who earn a minor in digital culture cannot earn a digital culture certificate.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.50

Incompatible Majors: All digital culture majors

Other Enrollment Requirements: None

Students are required to meet with the digital culture academic success coordinator to develop the digital culture pathway that best meets the proficiencies for the work they are interested in pursuing.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Global Opportunities:
Global Experience:
The School of Arts, Media and Engineering offers a summer study abroad to the Netherlands. Interested parties, regardless of major, should explore the program Design and Society in the Netherlands: Visualizing the Invisible on the study abroad site.
https://goglobal.asu.edu/students/major/herberger/digital-culture (https://goglobal.asu.edu/students/major/herberger/digital-culture)

Career Opportunities:
Digital culture students learn techniques that can transform society, and they communicate using contemporary computational media, a vital power in the world. These skills along with specialized knowledge and judgement complement their major program of study and helps them become more marketable to employers.

Graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media, including mobile app design, audio production, autonomous systems and more.

Contact Information:
Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://herbergerinstitute.asu.edu/node/40666
STAUF B217
digitalculture@asu.edu
480-965-9438

Digital Media Literacy Minor (CSDMLMIN)
Campus: Online

Description:
The minor program in digital media literacy prepares students to be at the forefront of strategic and ethical issues related to digital media, including mis- and disinformation, automation, verification, security and privacy. Students explore how media is created, consumed and researched, and how better information creates better communities.

Graduates of the program are able to use cutting-edge tools and tactics to analyze media; verify and interpret information; exercise their freedom of expression; and use content to improve their own lives, and society.

Program Requirements:

Students must maintain a minimum 2.00 cumulative GPA to pursue a minor in digital media literacy, and obtain a minimum grade of "C" (2.00 on a 4.00 scale) in each course in the minor.

Required Courses -- 15 credit hours
MCO 302: Media Research Methods (3)
MCO 425: Digital Media Literacy I (3)
MCO 426: Digital Media Literacy II (3)
MCO 427: Misinformation and Society (3)
MCO 428: Digital Media and Freedom of Expression in the 21st Century (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in digital media literacy

Other Enrollment Requirements: None.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Graduates of this program pursue a variety of professional and educational opportunities. The program's liberal arts foundation --- including critical thinking, communication, research and problem solving --- gives graduates the intellectual agility to thrive in many fields. Specialization in the technical, ethical, legal, social and economic aspects of digital media is especially valuable, as employers of all sizes try to leverage digital media in serving consumers.

As organizations try to keep up with digital transformation and plan for the future, having a deep understanding of how digital ecosystems work is critical. Demand for graduates of digital media literacy in fields such as health care communication, public service and sustainability is anticipated to rise, and the U.S. Department of Labor categorizes many jobs in these areas as having a bright outlook in the job market.

Given increasing emphasis on teaching media literacy at every age level, graduates can expect to find employment opportunities in a variety of educational settings, and some students may pursue graduate school in disciplines such as education, library science, law, public policy, business, public relations, digital strategy and journalism.

Contact Information:
Journalism and Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism and Mass Comm
cronkite.asu.edu
CRONK 222
cronkiteadvising@asu.edu
602-496-5055

Disability Studies Minor (ASDISASMIN)

Campus: West, Online

Description:
The minor in disability studies explores historical, linguistic, social, artistic and legal dimensions of disability with the goal of improving society in ways that benefit those with disabilities.

Through curriculum that combines theory and practice, students are prepared to address injustices, exclusions and misapprehensions regarding disabilities through advocacy and self-advocacy, education, knowledge of the law and historical awareness. The coursework, designed to complement any undergraduate major, utilizes an electronic portfolio tailored to students' professional interests.

Program Requirements:
The minor in disability studies consists of 18 credit hours, of which a minimum of 12 credit hours must be upper division. Six upper-division credit hours must be completed through coursework in the School of Humanities, Arts and Cultural Studies. Program requirements include six credit hours of core coursework, nine credit hours of electives and three credit hours of culminating experience. All courses used to fulfill the requirements of this minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
DST 101: Introduction to Disability Studies (C) (3)
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Electives (choose three) -- 9 credit hours
AMS 449 / ETH 449 / WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)
AMS 469 / ETH 469 / WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
BIO 312 / IAS 340 / PHI 320: Bioethics (HU) (3)
COM 494 / DST 494: Disability & Media: The Politics of Representation (3)
DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 394: Civil Rights Law and Accessibility Compliance (3)
DST 394: Disability Studies Memoir and Writing (3)
DST 394: International Disability Issues (3)
DST 394: Special Topics (3)
DST 458: Disability and Communication Advocacy (3)
DST 494 / ENG 494 / IAP 494: Disability and Aesthetics (3)
DST 494: Special Topics (3)
ENG 469: Science and Literature (3)
HRC 310: Social and Cultural Analysis: Method and Theory (C) (3)
HRC 494: Veterans and Critical Disability Studies (3)
IAP 494: Accessibility in Digital Arts and Design (3)
JMC 366: Journalism Ethics and Diversity (3)
JUS 301: Research in Justice Studies (SB) (3)
JUS 437: The Social Construction of Disability and Justice (3)
JUS 494: Policy, Advocacy and Disability (3)
PRM 364: Foundations of Recreation Therapy (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 426: Social Inequalities (SB) (3)
WST 444: Gender, Health, and Bodies (SB) (3)

Culminating Course -- 3 credit hours
DST 493: Honors Thesis or HRC 480: Capstone: Practices and Approaches (L) or IAS 484: Internship (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in disability studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of

either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Students with a minor in disability studies find career opportunities in many fields, such as social justice, civil service, law, health care advocacy, social work, education, rehabilitative health care, counseling, business, policy and advocacy, government, and with community and nongovernmental organizations.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/disability-studies-minor
FAB N100
HArCSadvising@asu.edu
602-543-3000

Early Childhood Education Minor (TEECEDMIN)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Description:
A minor in early childhood education allows students to combine their knowledge of their major discipline with an understanding of educational practices for young children and their families.

Students complete specialized coursework in topics such as childhood development, educational psychology and adolescent development.

The ultimate goal of this minor is to produce graduates who understand child development and apply that knowledge when collaborating with other educators in schools and other learning environments such as preschools and community centers.

Program Requirements:
Required Courses -- 18 credit hours
CDE 350: Inequality and Diversity in Education (L & C) or FAS 370: Family Ethnic and Cultural Diversity (SB & C) or HEP 443: Emotional Health and Interpersonal Relationships or JUS 235: Disability, Justice and Advocacy (C) (3)
ECS 312: Social and Emotional Development of the Young Child (SB) (3)
ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education (3)
EDP 310: Educational Psychology for Non-Teachers (SB) (3)
Notes: Complete three one-hour courses in EDP 310
SPE 222: Orientation to Education of Exceptional Children (SB & C) (3)
TEL 215: Introduction to Child and Adolescent Development (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: All education majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in early childhood education acquire knowledge and skills related to child development and educational support, which is a benefit as they pursue careers that require working with young children and their families in a variety of educational settings.

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 118
educationadvising@asu.edu
480-965-5555

Economics Minor (LAECNMIN)

Campus: Tempe, Online

Description:
Economics is a social science that examines how societies, businesses and individuals deal with scarcity, and this minor in economics offers instruction by world-renowned researchers and award-winning professors. Students build a foundation of micro- and macroeconomics that supports their investigation of the forces shaping national and global economies.

Students create a personalized program of study that covers economic theory and applications. Students complete introductory courses (ECN 211 and ECN 212) and choose electives from a large set of upper-division offerings to suit individual interests and goals.

Program Requirements:
The minor in economics consists of 18 credit hours in economics courses, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by the W. P. Carey School of Business. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.

Required Courses -- 6 credit hours
ECN 211: Macroeconomic Principles (SB) (3)
ECN 212: Microeconomic Principles (SB) (3)

Electives -- 12 credit hours
 ECN Upper Division Elective (12)

No more than three credit hours of ECN 484 Internship may be applied to the minor.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in economics; BS in economics (politics and the economy); BS in politics and the economy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in economics on a resume may help students as they pursue careers in business, finance, government and law.

Contact Information:

Liberal Arts and Sciences, The College of
Economics Program in CLAS
https://wpcarey.asu.edu/economics-degrees/undergraduate
CRTVC 412
wpcareyecn@asu.edu
480-965-3531

Educational Studies Minor (TEEDSTMIN)

Campus: Downtown Phoenix, Polytechnic, Tempe, West, Online

Description:

The educational studies minor prepares students to work with children, youth and adults in a variety of learning contexts.

Students broaden their skill set by completing specialized coursework in topics such as pedagogy, educational technology and problem-solving.

Students learn how to apply educational techniques in many professional settings. The minor provides a foundation for students to make an impact as educators in a society in which the importance of lifelong learning and learning outside traditional school-based environments is likely to grow.

Program Requirements:

The minor in educational studies requires 15 credit hours, including six lower-division credits and nine upper-division credits. A "C" grade or better is required in all coursework.

Required Courses (choose two) -- 6 credit hours
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) (3)
SPE 223: Intersection of Society, Disabilities and Inclusion (3)
TEL 111: Exploration of Education (SB) (3)
TEL 208: Literacy in a Changing World (HU) (3)
TEL 215: Introduction to Child and Adolescent Development (SB) (3)

Overview of Education -- 9 credit hours
EDU 301: Why Education? (3)
EDU 302: Diversity in Learning Contexts (3)
EDU 402: Partnering to Advance Educational Initiatives (L) (3)
LSE 303: Human Development: Addressing Learner Capabilities (SB) (3)
LSE 305: Conceptualizing Learning: Theories in Practice (3)
LSE 401: Designing Learning Environments for Inclusion (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: All education majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
While most career paths require more training than a minor alone can provide, a minor can help students enhance the marketable skills they acquire in their major, as well as help them develop new, complementary skills.

A minor in educational studies equips students with skills in leadership, collaboration and innovation, all of which are valuable benefits when pursuing educational careers in a variety of settings such as nonprofits, community institutions, civic organizations, businesses and more.

Engineering Management Minor (ESENMMIN)

Campus: Tempe, Online

Description:

The minor in engineering management program provides students with the skills for effective management and leadership of engineering-driven enterprises.

The minor curriculum supplements students' majors by adding to the breadth of engineering science and design and equipping the student with additional management and design skills. This knowledge is augmented with an understanding of business practices, organizational behavior and management skills to enable the student to succeed in the management of a scientific or engineering enterprise.

Topics such as project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management are covered, in addition to product design and process development.

Program Requirements:

The minor in engineering management requires completion of 18 credit hours: four core courses (12 credit hours) and two elective courses (six credit hours). All courses must be passed with a "C" or better. At least 12 credit hours must be completed in residency at ASU or through ASU Online.

Core Courses -- 12 credit hours
IEE 300: Economic Analysis for Engineers (3)
IEE 380: Probability and Statistics for Engineering Problem Solving (CS) or IEE 220: Business and Industrial Engineering (3)
Notes:

*Students whose major requires IEE 380 Probability and Statistics for Engineering Problem Solving will need to take IEE 220 Business and Industrial Engineering for the engineering management minor.

*Students who are not required to take IEE 380 as part of their major requirements should select it for the minor to be eligible for more elective options.

*IEE 380 is the option for ASU Online students.
IEE 431: Engineering Administration (L) (3)
IEE 458: Project Management or CEE 481: Civil Engineering Project Management (3)
Notes: CEE 481 may not be used for both the BSE in civil engineering and the minor in engineering management.

Electives -- 6 credit hours
IEE 369: Work Analysis and Design (L) (3)
IEE 376: Operations Research Deterministic Techniques/Applications (4)
IEE 381: Lean Six Sigma Methodology (3)
IEE 412: Introduction to Financial Engineering (3)
IEE 454: Risk Management (3)
IEE 456: Introduction to Systems Engineering (3)
IEE 474: Quality Control (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BSE in engineering management; BSE in industrial engineering

Other Enrollment Requirements: Prior to enrolling in the minor, students must have completed MAT 265 and MAT 266 (or an equivalent calculus sequence) with a grade of "C" or better in each.

Students who are not required to take IEE 380 as part of their major requirements should plan to take it for the minor instead of IEE 220 to be eligible for more required electives. Online students must take IEE 380 since IEE 220 is not available online.

Interested students should consult with a School of Computing and Augmented Intelligence advisor to verify eligibility and to review all courses required for the minor. To schedule a SCAI advising appointment, students should visit https://fultonapps.asu.edu/advising/ (https://fultonapps.asu.edu/advising/).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a minor alone can provide. The minor in engineering management can help students pursuing careers in engineering and business fields gain valuable skills in management for engineering-related professions, which could fast track an individual into a managerial role down the line in their profession.

Career examples include production supervisor, project management team member or project management team leader.

Contact Information:
Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
https://scai.engineering.asu.edu/engineering-management-bse/engineering-management-minor/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

English Minor (ASENGMIN)
Campus: West

Description:
The minor in English is an ideal choice for students who enjoy English and desire to become better writers, readers and thinkers. The program requirements ground students in the basics of literary and cultural study, and the distribution area requirements engage the social, environmental and political challenges of the time.

With its emphasis on critical reading and writing skills, the English minor is the perfect complement to any major.

Program Requirements:
The minor in English requires a minimum of 18 credit hours, of which nine credit hours must be upper division. Students must complete a minimum of six upper-division credit hours in courses offered by the School of Humanities, Arts and Cultural Studies. At least three credit hours of Distribution coursework must be at the 400-level. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Core Course -- 3 credit hours
ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

Distribution Cluster Requirement -- 12 credit hours
Select one course from each distribution cluster. A minimum of two courses (six credits) must be upper division, and at least one course must be at the 400-level.

Writing, Power, Change -- 3 credit hours
ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 213: Introduction to the Study of Language (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C) (3)

ENG 288: Beginning Creative Writing Workshop in Fiction (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 323: Rhetoric and Grammar (L) (3)
ENG 339: Creating Dramatic Works: Page to Stage to Screen (3)
ENG 352: Short Story (L or HU) (3)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
ENG 361: Scriptwriting (3)
ENG 379: Travel Writing (L) (3)
ENG 394 / IAP 394: Print and the Protest (3)
ENG 410: Writing for Publication (3)
ENG 416: Chaucer in Middle English (HU) (3)
ENG 425: Studies in Romanticism (HU) (3)
ENG 433: Literary Magazine Publishing: Canyon Voices (3)
ENG 437: The American Novel, 1900 - 1960 (L or HU) (3)
ENG 440: Studies in American Literature and Culture (3)
ENG 472: Rhetorical Studies (L) (3)

Climate, Energy, Infrastructure -- 3 credit hours
ENG 245: Popular Culture Issues (3)
ENG 324: Horror: Film and Short Stories (3)
ENG 342: 20th-Century British and Irish Literature (HU) (3)
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
ENG 369: Science Fiction Studies (3)
ENG 378: Environmental Creative Nonfiction (L or HU) (3)
ENG 415: Studies in Medieval Literature and Culture (HU) (3)
ENG 416: Chaucer in Middle English (HU) (3)
ENG 471: Literature for Young Adults (HU) (3)
ENG 498: Reading Englands Literary Landscapes (L) (3)

Borders, Boundaries, Citizenship -- 3 credit hours
ENG 221: Survey of English Literature (HU) (3)
ENG 222: Survey of English Literature (HU & H) (3)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C) (3)
ENG 242: Literatures of the United States, 1860 to Present (HU) (3)
ENG 328: The Novel to Jane Austen (HU & H) (3)
ENG 333: American Ethnic Literature (3)
ENG 334: The American Southwest in Literature and Film ((L or HU) & C) (3)
ENG 342: 20th-Century British and Irish Literature (HU) (3)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) (3)
ENG 379: Travel Writing (L) (3)
ENG 386: American Gothic (3)
ENG 394: Oral History & Storytelling in Humanities & Arts (3)
ENG 420: Multicultural Autobiographies ((L or HU) & C) (3)
ENG 432: The American Renaissance (HU) (3)
ENG 457: Studies in American Poetry (HU) (3)
ENG 462: Africana Literature (HU & G) (3)
ENG 498: Reading Englands Literary Landscapes (L) (3)

Bodies, Intersections,Transitions -- 3 credit hours
ENG 203: Introduction to Health Humanities (HU) (3)
ENG 324: Horror: Film and Short Stories (3)
ENG 333: American Ethnic Literature (3)
ENG 364: Women and Literature (HU) (3)
ENG 369: Science Fiction Studies (3)
ENG 421: Studies in Shakespeare (L or HU) (3)
ENG 431: Whitman and Dickinson (L or HU) (3)
ENG 443: Gender, Culture and Literacy (3)
ENG 454 / WST 454: Gender and Literature (L or HU) (3)
ENG 461: Studies in Women and Literature (3)
ENG 472: Rhetorical Studies (L) (3)

ENG 476: Studies in Folklore (3)
ENG 478: Studies in Modernism (3)
ENG 494: Disrupting Dis/Ability Discourses (3)
ENG 494: Weird Fiction: Films and Short Stories (3)

Upper Division ENG Elective -- 3 credit hours
 ENG Upper Division Elective (3)
Notes: ENG 499 Individualized Instruction may only be used once, and only with permission of the English program lead.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in English

Other Enrollment Requirements: None

The minor in English is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Students completing a minor in English are better prepared for professional training in law, business, teaching and public policy; and for careers in marketing, public relations, government, diplomacy and community work; and for other professions in which problem-solving, creativity, research strengths, writing, interpersonal and digital skills are necessary and valued.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/english-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

English Minor (LAENGMIN)
Campus: Online

Description:
The minor in English provides students with the knowledge and skills that enable them to improve their writing, enhance their ability to read and think analytically and become critical consumers of media.

This program is delivered entirely online and serves as a complement to the chosen major of undergraduate students who are pursuing an ASU major online.

Program Requirements:
The online minor in English consists of 18 credit hours, of which at least 12 credit hours must be upper division. The remaining six credit hours may be completed with ENG 200-499 courses. At least six of the upper-division credit hours must be earned from The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Core Courses (choose three) -- 9 credit hours
ENG 211: Introduction to English Studies (3)
ENG 305: Interpretive Theory (3)
ENG 308: Form and History/Culture (HU) (3)
ENG 309: Rhetoric for Writers (3)
ENG 327: English Studies Research (3)
ENG 489: Scholarly Products (3)

English Electives -- 9 credit hours
 ENG 2** Elective or   ENG 3** Elective or   ENG 4** Elective (3)
 ENG Upper Division Elective (6)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in English

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a minor alone can provide.

A minor in English provides students with the strong analytical and communications skills required by many professions, such as those in publishing, journalism, public relations, nonprofit organizations, professional and technical writing, education, business, banking, grassroots activism, law and medicine, as well as numerous others throughout industry and government.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

English Minor (LSENGMIN)

Campus: Polytechnic

Description:
The minor program in English focuses on effective writing, critical thinking and reading sophisticated literary and nonliterary texts.

Program Requirements:
The English minor consists of 24 credit hours. A minimum of 12 upper-division credit hours is required, of which at least six credit hours must be taken through the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Course -- 3 credit hours
ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

Electives -- 21 credit hours
 ENG Elective (9)
 ENG Upper Division Elective (12)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00 cumulative GPA

Incompatible Majors: BA in English

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in English can help students as they pursue careers in any field where effective written communication and textual interpretation are important, including careers in publishing, marketing, law, journalism, management, education and numerous other fields.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

English (Linguistics) Minor (LAENGMINN)
Campus: Tempe

Description:
Students pursuing a minor in English with a focus in linguistics study the nature, variation and structure of language.

ASU's Department of English has an extensive internship program offering placements in publishing, media and marketing, government, second language teaching, nonprofits and film festivals. The English department also boasts rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:
The minor in English with a focus in linguistics consists of 24 credit hours. A minimum of 12 upper-division credit hours are required, with at least six credit hours from courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) or better to satisfy minor requirements.

Required Courses -- 15 credit hours
ENG 200: Critical Reading and Writing About Literature (L or HU) (3)
ENG 213: Introduction to the Study of Language (3)
ENG 312: English in its Social Setting (L or HU or SB) (3)
ENG 314: Modern Grammar (3)
ENG 413: History of English Language (HU) (3)

English Survey Course (choose one) -- 3 credit hours
ENG 221: Survey of English Literature (HU) (3)
ENG 222: Survey of English Literature (HU & H) (3)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C) (3)
ENG 242: Literatures of the United States, 1860 to Present (HU) (3)

English Electives -- 6 credit hours
 ENG Elective (3)
 ENG Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in English (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in English linguistics can help students as they pursue careers in writing, teaching, editing and publishing.

Contact Information:

Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Literature) Minor (LAENGMINT)

Campus: Tempe

Description:

The minor program in English with a focus on literature emphasizes British, American and global literatures in English, from the earliest writings to the present. Students can choose from a broad array of courses to further explore subjects such as race and ethnicity, gender and sexuality and literary histories and traditions.

ASU's Department of English has an extensive internship program offering placements in publishing, media and marketing, government, second language teaching, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

The minor in English with a focus in literature consists of 18 credit hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by the Department of English in The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Required Courses (choose 3) -- 9 credit hours
ENG 206: Introduction to Literary Studies (3)
ENG 304: Critical Theories and Methods (3)
ENG 332: Studies in Race and Ethnicity in Literature and Culture (3)
ENG 349: Global Literary Studies (3)
ENG 350: Studies in Literary Histories and Traditions (3)
ENG 384: Studies in Gender and Sexuality in Literature and Culture (3)
ENG 444: Topics for Interdisciplinary Study of Literature and Culture (3)
ENG 491: Topics for Advanced Research (3)

Electives -- 9 credit hours
 ENG 2** Elective or   ENG 3** Elective or   ENG 4** Elective (3)
 ENG Upper Division Elective (6)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in English (including all concentrations); BAE in secondary education (English)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in English can help students as they pursue careers in technical or professional writing or teaching.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

Environmental Science Minor (ASENVMIN)

Campus: West, ASU@Lake Havasu

Description:
The environmental science minor program provides students with a fundamental understanding of how the natural world functions as a system, how changes in this system influence organisms and humans, and, in turn, how this system is impacted by humans.

An understanding of human-environment interactions gained through this minor will augment students' major field of study. To accommodate broad interests for students from a variety of majors, the curriculum is designed to allow students to explore their interests by choosing from categories of scientific coursework and skill-based curricula, to provide applied experiences for students from a variety of majors.

Program Requirements:
The minor in environmental science consists of 15 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements   -- 6 credit hours
ENV 201: Fundamentals of Environmental Science (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 409 / PHI 409: Eco-Community Ethics (HU) or PHI 310: Environmental Ethics (HU) (3)

Upper-Division Electives -- 9 credit hours
Choose a minimum of nine credit hours from the following categories. Students may choose freely from among the categories; it is not necessary to take one from each or all from one category.

Global/Ecosystem Focus:
BIO 422: Ecosystem Ecology (3)
CHM 302: Environmental Chemistry (3)
ENV 410: Soil Science (4)
LSC 434: Marine Ecology (3)
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory (4)

Organismal Focus:
BIO 370: Vertebrate Zoology (4)
BIO 385: Comparative Invertebrate Zoology (4)
BIO 410: Techniques in Conservation Biology and Ecology (L) (3)

BIO 412: Conservation in Practice (3)
BIO 474: Herpetology (4)
 PLB Upper Division Elective (3-4)

Skills in Environmental Science:
ENV 345: Spatial Analysis in the Environmental Sciences (3)
ENV 388: STEM Research Fundamentals (L) (3)
ENV 485: Environmental Impact Assessment (3)
ENV 499: Individualized Instruction (1-3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS and BA environmental science

Other Enrollment Requirements: This first course in this minor (ENV 201) has prerequisites of BIO 181, BIO 182 and CHM 116.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Students who complete this major have the foundational knowledge they need to apply environmental concepts and awareness to their future careers. Many career fields have environmental applications, including business and entrepreneurship, the health industry, economics and academic research careers. Career opportunities include employment in environmental policy, management or leadership positions in federal and state agencies, local municipality planning offices, private consulting firms, and nongovernmental and nonprofit organizations, and many others.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/environmental-science-minor
FAB N100
mnsadvising@asu.edu
602-543-3000

Environmental and Resource Management Minor (ESERMMIN)
Campus: Polytechnic

Description:
The minor program in environmental and resource management provides students with a thorough introduction to environmental regulations and key environmental management issues such as the provision of clean, potable water; wastewater treatment; and solid and hazardous waste management, as well as remediation technologies for polluted soils, groundwater and air. Students learn to apply basic science and engineering principles to solving problems that significantly impact human health and ecosystems.

The environmental and resource management minor program provides a valuable option to other majors that focus on environmental issues whether from a technical or policy perspective. The courses form a coherent whole and demonstrate the connection between science, engineering, public policy, management and the law.

Program Requirements:
The minor requires completion of four core courses (12 credit hours) and two elective courses (six credit hours) for a total of 18 credit hours. At least 12 credit hours must be completed in residency at ASU. Courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Core Courses -- 12 credit hours
ERM 201: Environmental Management (3)
ERM 203: Environmental Regulations (3)
ERM 302: Water and Wastewater Treatment Technology (3)
ERM 401: Hazardous Waste Management (3)

Electives -- 6 credit hours
ERM 402: Unit Treatment Technologies (3)
ERM 406: Environmental Chemistry (3)
ERM 407: Occupational Hygiene (3)
ERM 426: Environmental Issues (3)
ERM 428: International Environmental Management (G) (3)
ERM 432: Sustainable Solid Waste Management (3)
ERM 494: Algae in Water/Energy/Food Nexus (3)
ERM 494: Algal Bioprocess and Biosystems Engineering (3)
ERM 494: Environmental Health (3)
ERM 494: Environmental Management Leadership (3)
ERM 494: Tribal Environ & Natural Resources Management (3)
ERM 494: Water and Food Security (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in environmental and resource management

Other Enrollment Requirements: Interested students must have at least sophomore status.

Students should consult with an advisor in The Polytechnic School to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should go to https://fultonapps.asu.edu/advising (https://fultonapps.asu.edu/advising).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Graduates with the skills gained in this minor are in high demand and can find work in industry, governmental management and regulatory agencies, or in policymaking organizations.

Contact Information:
Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
https://poly.engineering.asu.edu/ERM
WANER 240
polyadvising@asu.edu
480-727-1874

Ethnic Studies Minor (ASETHMIN)

Campus: West

Description:
The minor in ethnic studies explores the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas. The coursework combines topics in the humanities, arts and social sciences, and instruction is given on methods to critically analyze racial, ethnic, gender and sexual identities; transnational movements; and diverse forms of cultural, literary and political expression.

The minor in ethnic studies is recommended for graduate students, nondegree students and students majoring in professional programs.

The certificate is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:
The minor in ethnic studies consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Up to three credit hours of individualized

instruction may be applied toward the minor. All courses in the minor must be passed with a minimum grade of "C" (2.00) or better.

Students are encouraged to meet with an academic advisor to choose courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Courses -- 6 credit hours
ETH 100: Ethnic and Indigenous Lives (SB & C) (3)
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Upper-Division Electives -- 12 credit hours
ENG 420 / IAS 420: Multicultural Autobiographies ((L or HU) & C) (3)
ENG 462: Africana Literature (HU & G) (3)
ENG 463: African American Literature (3)
ENG 476: Studies in Folklore (3)
ETH 353 / ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ETH 354 / ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)
ETH 428 / AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)
ETH 430 / WST 430: Gender on the Borderlands (SB & G) (3)
ETH 433 / WST 433: Race and Sexualities in Social Justice Movements (3)
ETH 450: Latina/os, Schooling and Social Inequality (C) (3)
ETH 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
ETH 499: Individualized Instruction (3)
HST 419: 20th Century Chicano/a History (C) (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in ethnic studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
This program helps prepare students for careers or graduate school in a variety of fields, including business, health care, criminal justice, social services, education, public relations, community development, public policy and government. Potential careers include community health worker, social and community service manager, secondary and high school teacher, and journalist.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/ethnic-studies-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Family and Human Development Minor (LAFASMIN)
Campus: Tempe, Online

Description:
The minor program in family and human development exposes students to basic coursework that examines issues in society and how they impact children and families. This program provides an exceptional complement to studies in psychology, communication, education, business and nursing.

This program is offered by the T. Denny Sanford School of Social and Family Dynamics.

Program Requirements:
The minor in family and human development consists of 18 credit hours in family studies and child development. At least 12 of the 18 credit hours must be in upper-division courses. At least one elective course must come from the CDE subject. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 9 credit hours
CDE 232: Human Development (SB) (3)
FAS 101: Personal Growth and Relationships (SB) (3)
FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)

Upper-Division Electives -- 9 credit hours
At least one course must be a CDE elective.

CDE 312: Adolescence (SB) (3)
CDE 337: Early Childhood Intervention (3)
CDE 414: The School-Aged Child: Development in the Elementary Years (3)
CDE 418: Aging and the Life Course (SB & H) (3)
CDE 430: Infant and Toddler Development in the Family (SB) (3)
CDE 450: Childhood Disorders and Family Functioning (L) (3)
CDE 498 / FAS 498: Pro-Seminar (3)
FAS 301: Introduction to Parenting (3)
FAS 324: Sociology of Work and Organizations (SB & H) (3)
FAS 331: Modern Family Relationships (SB) (3)
FAS 332: Human Sexuality (SB) (3)
FAS 410: Military Family Systems in a Democracy (3)
FAS 435: Advanced Topics in Modern Family Relationships (L or SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in family and human development

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in family and human development can help students as they pursue careers in health care, counseling and social work, sociology or education.

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/
SS 144

advisor@asu.edu
480-965-6978

Fashion Minor (HIFSHMIN)

Campus: Tempe

Description:

The minor program in fashion offers grounding in the history, social context and economics of the contemporary fashion industry. Students also have the option of pursuing more focused classes designed to introduce them to a variety of roles in this important industry: fashion history, fashion industry business practices, and fashion production.

Among the subjects that may be related to students' majors are marketing and merchandising, costuming, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. Due to the relationship of these subjects to a wide variety of disciplines taught at ASU, many students throughout the university may supplement their major with closely related fashion minor classes, creating a strong foundation for a variety of careers. Opportunities for study abroad could further advance students' professional goals.

Taught by well-known fashion industry professionals, students enrolled in the minor in fashion at ASU develop connections to leaders in the field.

Program Requirements:

Courses selected must satisfy the minimum requirement of 18 credit hours for the minor; nine of the credit hours must be upper-division (300 or 400-level) coursework.

Required Courses -- 9 credit hours
FSH 201: Textiles Survey (3)
FSH 325: Personal Style and Wardrobe (HU) (3)
FSH 435: Contemporary Fashion (L or HU) (3)
Notes: Please complete either FSH 201 or FSH 325 before enrolling in Contemporary Fashion (FSH 435).

Fashion Related Studies Electives -- 6 credit hours
ART 110: Drawing as Seeing and Thinking (HU) (3)
ART 276: Introduction to Textiles (3)
ART 376: Weaving and Dyeing (3)
ART 377: Textile Design (3)
ART 378: Digital Textiles (3)
FSH 175: Merchandising Essentials (3)
FSH 194: Special Topics (3)
FSH 202: Fashion Construction (3)
FSH 203: Fashion Illustration I (3)
FSH 204: Social Aspects of Fashion (L or HU or SB) (3)
FSH 206: Fashion Design I (3)
FSH 275: Merchandising Applications (3)
FSH 280 / MKT 280: Fashion Merchandising (3)
FSH 294: Fashion Hairstyling Basics (3)
FSH 294: Special Topics (3)
FSH 300: Global Fashion Industry (G) (3)
FSH 303: Fashion Illustration II (3)
FSH 306: Fashion Design II (3)
FSH 375: Branding for Fashion Professionals (3)
FSH 385: Fashion Visual Merchandising (3)
FSH 394: Equity and Inclusion in Fashion (3)
FSH 394: Fashion Buying Strategies (3)
FSH 394: Fashion Construction II (3)
FSH 394: Fashion Entrepreneurship (3)
FSH 394: Fashion Forecasting (3)
FSH 394: Fashion Law & Compliance (3)
FSH 394: Fashion Policy and Social Justice (3)
FSH 394: Fashion Retail Management (3)
FSH 394: Fashion Styling (3)
FSH 394: Introduction to Footwear (3)
FSH 394: PR for Fashion (3)
FSH 394: Special Topics (3)
FSH 494: Special Topics (3)
MKT 390: Essentials of Marketing (https://webapp4.asu.edu/catalog/courselist?s=FSH&t=2227&hon=F" > FSH Elective (3)

(3)

MKT 391: Essentials of Selling (3)

MKT 395: Essentials of Advertising and Marketing Communication (3)

MKT 397: Essentials of Global Marketing (3)

THE 430: History of Fashion I (HU) (3)

THE 431: History of Fashion II: 20th-Century Fashion (3)

Upper Division Fashion Electives -- 3 credit hours

FSH 300: Global Fashion Industry (G) (3)

FSH 303: Fashion Illustration II (3)

FSH 306: Fashion Design II (3)

FSH 375: Branding for Fashion Professionals (3)

FSH 385: Fashion Visual Merchandising (3)

FSH 394: Equity and Inclusion in Fashion (3)

FSH 394: Fashion Buying Strategies (3)

FSH 394: Fashion Construction II (3)

FSH 394: Fashion Entrepreneurship (3)

FSH 394: Fashion Forecasting (3)

FSH 394: Fashion Law & Compliance (3)

FSH 394: Fashion Policy and Social Justice (3)

FSH 394: Fashion Retail Management (3)

FSH 394: Fashion Styling (3)

FSH 394: Introduction to Footwear (3)

FSH 394: PR for Fashion (3)

FSH 394: Special Topics (3)

FSH 494: Special Topics (3)

 FSH Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BA in fashion

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in fashion can help students as they pursue careers in fashion history, fashion industry business practices and fashion production.

Contact Information:

Design and the Arts, Herberger Institute for

School of Art

https://art.asu.edu

ART 102

herbergeradvising@asu.edu

480-965-8521

Film and Media Production Minor (FAFMPMIN)

Campus: Tempe

Description:

Students pursuing the film and media production minor study the basic production processes of film while learning about the history and practices of the film and media industry as well as the cultural value of cinema, television and digital media.

Program Requirements:

The school offers a minor in film and media production, consisting of 18 credit hours of coursework. A grade of "C" (2.00) or higher is required for all courses in the minor. All prerequisites for the minor courses must be met. Transfer students may transfer up to six credit hours toward the minor.

Required Courses -- 12 credit hours
FMP 201: Film: The Creative Process I (HU) (3)
FMP 250: Sex and Violence in Film and TV: Ethics Survey (3)
FMP 280: Introduction to Film and Media Production (3)
FMP 403: Independent Film (HU) (3)

Upper Division Film Electives -- 6 credit hours
FMP 300: Film Production: Non-Majors (3)
FMP 315: Sound Design for Film and Media I (3)
FMP 320: Film and Media Post-Production II (3)
FMP 325: Guerilla VFX (3)
FMP 330: Professional and Technical Writing for Film/TV Industry (3)
FMP 335: Careers in Film and Media Industry (3)
FMP 345: Cinematography I (3)
FMP 361: Intermediate Screenwriting (3)
FMP 365: Developing a Series (3)
FMP 370: Producing for Film and Media (3)
FMP 394: Special Topics (3)
FMP 404: World Cinema (G) (3)
FMP 405: Film and Television: Pioneers, Practices and Innovations (3)
FMP 417: Business and Legal Practices in Entertainment (3)
FMP 418: Directing for Film and Media II (3)
FMP 465: Series Writers Workshop (3)
FMP 475: Producing Series (3)
FMP 494: Special Topics (3)
THE 406: American Multicultural Film (HU & C) (3)
THE 421: Shakespeare: Stage and Film (L or HU) (3)
THE 430: History of Fashion I (HU) (3)
THE 431: History of Fashion II: 20th-Century Fashion (3)
THP 330: Costume Design (3)
THP 340: Scene Design (3)
THP 344: Hand Drafting for the Live Entertainment (3)
THP 345: Lighting Design (3)
THP 350: Sound Design (3)
THP 351: Arts Management (3)
THP 355: Media Design for Performance (3)
THP 394: Writing for Horror, SciFi, and Fantasy (3)
THP 442: Rendering for Design and Production (3)
THP 445: Advanced Lighting Design (3)
THP 452: Arts Entrepreneurship Seminar (3)
THP 455: Advanced Media Design (3)
THP 494: Art Direction (3)
THP 494: Properties for the Stage (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in film (filmmaking practices); BA in film (film and media production); BFA in film (film and media production)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

A minor in film is an excellent addition to a variety of degrees and allows students to pursue their passions while also expanding their marketability within a competitive and growing media industry.

Contact Information:

Design and the Arts, Herberger Institute for
The Sidney Poitier New American Film School
https://film.asu.edu/
GHALL 232
fdt@asu.edu
480-965-5337

Film and Media Studies Minor (LAFMSMIN)

Campus: Tempe, Online

Description:

The film and media studies minor is useful for students who want to explore the critical and creative study of film and media. Students can opt to study a range of courses that emphasize media and society, media industries, styles and genres and screenwriting.

ASU's Department of English has an extensive internship program, offering placements in publishing, media and marketing, government, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

The film and media studies minor consists of 18 credit hours. At least 12 credit hours must be upper division, with a minimum of six upper-division credit hours from courses offered by the Department of English in The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 9 credit hours
FMS 100: Introduction to Film and Media Studies (HU) (3)
FMS 200: Film and Media History ((L or HU) & H) (3)
FMS 300: Television Studies (L or HU) (3)

Electives -- 9 credit hours
 FMS Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in film (film and media studies); BA in film (film and media production)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in film and media studies can help students as they pursue careers in film, television and digital media.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

Food and Nutrition Entrepreneurship Minor (ECFNTRMIN)

Campus: Downtown Phoenix

This program's name has changed effective Fall 2022. The previous name was Food and Nutrition Management.

Description:
The food and nutrition entrepreneurship minor is available to any ASU student interested in developing a greater understanding of nutrition, the food industry and food service operations. Students gain basic knowledge and skills that can be used toward starting and managing their own business in the food industry.

Program Requirements:
The minor requires a total of 19 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 18 credit hours
NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)
NTR 142: Applied Food Principles (3)
NTR 343: Food Service Purchasing (3)
NTR 344: Nutrition Management and Leadership (L) or NTR 360: Nutrition Entrepreneurship (3)
NTR 351: Nutrition Communication (L) or TWC 301: Fundamentals of Writing for Digital Media (L) (3)
NTR 445: Management of Food Service Systems (4)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in dietetics, BS in food and nutrition entrepreneurship, BAS in food and nutrition entrepreneurship

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in food and nutrition entrepreneurship have additional knowledge in nutrition basics and leadership which is of benefit to a career in restaurant management or food marketing.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/food-and-nutrition-management
HLTHN 401AA
chs@asu.edu
602-496-3300

French Minor (LAFREMIN)

Campus: Tempe

Description:

Students pursuing a minor in French gain an understanding of the language, literature and cultures of French-speaking peoples and regions.

Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience. For more information, students should go to the department's website at https://silc.asu.edu/silc-studyabroad (https://silc.asu.edu/silc-studyabroad).

Program Requirements:

The French minor requires 18 credit hours, of which 15 must be upper division. Three credit hours of FRE 200-level coursework may be applied to the French minor. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better. Course substitutions are allowed for heritage and advanced speakers of the language with approval from an academic advisor in the School of International Letters and Cultures.

Required Courses -- 18 credit hours
FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G) (3)
FRE 305: Readings in French Literature (G) (3)
FRE 311: Oral and Written Expression I (G) (3)
FRE 312: Oral and Written Expression II (G) (3)
FRE 321: French Cultural Masterpieces I ((L or HU) & H) or FRE 322: French Cultural Masterpieces II (L or HU) (3)
 FRE Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in French

Other Enrollment Requirements: None

Students who wish to add a minor in French to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minorcombinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in French studies can help students with communication and cultural competency skills as they pursue careers, including in political analysis, sociology and marketing.

Contact Information:

Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-french-minor
DH 131
silcadvising@asu.edu
480-965-6281

Gender, Women and Sexuality Studies Minor (ASWSTMIN)

Campus: West

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Description:

The minor program in gender, women and sexuality studies examines the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas.

The program combines interdisciplinary topics and methods to critically analyze, unpack and address how relations of gender are embedded in and connected to social, political and cultural transformations. The intellectual core draws from theories, methods and teachings in women and gender studies while engaging complementary fields of social justice, cultural studies, sexuality studies, queer studies, literature, history, sociology, psychology, oral history, ethnicity, race and indigenous studies, and transnational studies.

Program Requirements:

The minor in women and gender studies consists of 18 credit hours. A minimum of 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken from courses offered by the School of Humanities, Arts, and Cultural Studies. Elective courses should be chosen in consultation with an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)
WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Electives -- 12 credit hours
ENG 443 / WST 415: Gender, Culture and Literacy (3)
ENG 454 / WST 454: Gender and Literature (L or HU) (3)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)
WST 220: Gender, Media and Culture (HU & C) (3)
WST 333: Critical Perspectives on Sexuality (SB & C) (3)
WST 341: Latin American Women Writers (HU & G) (3)
WST 370: Chronicling Women's Lives (HU & C) (3)
WST 376: Feminist Theory (H & C) (3)
WST 380: Race, Gender, and Class (SB & C) (3)
WST 390 / REL 390: Women, Gender and Religion (HU & G) (3)
WST 428: Gender, Madness and Justice (SB) (3)
WST 430: Gender on the Borderlands (SB & G) (3)
WST 433 / ETH 433: Race and Sexualities in Social Justice Movements (3)
WST 444: Gender, Health, and Bodies (SB) (3)
WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)
WST 457: Women, Cultures, and Societies (SB & G) (3)
WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)
WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
 WST Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (women and gender studies); BA in gender, women and sexuality studies; BS in gender, women and sexuality studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

This program prepares students for graduate study or a variety of fields including business, health care, criminal justice, social services, education, public relations, nonprofits, community development, public policy and government. Possible careers include community health workers, secondary school teachers, human resource managers, probation officers, social and community service managers, writers or workers in academia.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/women-and-gender-studies-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Gender, Women and Sexuality Studies Minor (LAWSTMIN)

Campus: Tempe, Online

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Description:

In the minor program in gender, women and sexuality studies, students complete a variety of courses that explore how gender and sexuality both impact and are affected by societies as a whole from around the world. The curriculum leads students to explore ideas about gender from an interdisciplinary perspective, to learn about social structures for different genders, and understand how these have been transformed by feminist theory and gender equality.

This minor also explores prominent contemporary issues through the lenses of sexuality, race and religion.

Original undergraduate research is encouraged and some course options may involve studying community problems and formulating policy solutions. Students have the option to include a capstone seminar requiring original research or an internship that prepares them through real-world experience for life after college.

Program Requirements:

The women and gender studies minor consists of 18 credit hours, of which at least 12 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses in the minor.

Required Core Course -- 3 credit hours
WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Elective Core Courses (choose one) -- 3 credit hours
WST 377: History of American Feminist Thought (H & C) (3)
WST 378: Global Feminist Theory (L & G) (3)
WST 380: Race, Gender, and Class (SB & C) (3)

Electives -- 12 credit hours
 WST Elective (3)
 WST Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (women and gender studies); BS and BA in women and gender studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with the knowledge and skills acquired through the minor in gender, women and sexuality studies can bring social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact Information:

Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Geography Minor (LAGCUMIN)

Campus: Tempe, Online

Description:

The geography minor, rooted in a foundation of cultural and physical geography, encourages students to explore intersections of place and space. Students in the minor gain a unique understanding of the modern world from both the local and global perspectives. Students also gain a deeper understanding of how humans impact landscapes.

Program Requirements:

The minor in geography requires a minimum of 19 credit hours, of which at least 12 credit hours must be upper division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Cultural Geography (choose one) -- 3 credit hours
GCU 102: Introduction to Human Geography (SB & G) (3)
GCU 121: World Geography (SB & G) (4)
GCU 241: The Global Economy in Transition (SB & G) (3)

Physical Geography -- 4 credit hours
GPH 111: Introduction to Physical Geography (SQ) (3)
GPH 112: Introduction to Physical Geography Lab (SQ) (1)

Upper-Division Electives -- 12 credit hours
 GPH OR   GCU OR   GIS Upper Division Elective (12)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in geography; BS in geography (urban studies); BS in geography (meteorology-climatology)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor in geography helps make students stronger candidates for positions that require an understanding of the Earth's surface, including landforms, water, plants, weather and people --- and the interactions that take place among those elements. This understanding can be valuable in a variety of careers and fields, including:

- business
- city and urban planning
- community outreach
- government agencies
- marketing
- nonprofits
- sustainability
- tourism

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-minors-and-certificates/geography
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geological Sciences Minor (LAGLGMIN)
Campus: Tempe

Description:
The geological sciences minor is designed for students interested in developing a basic understanding of earth science and analyzing issues through a scientific viewpoint.

Program Requirements:
The minor in geological sciences consists of 21 credit hours, of which at least 13 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 15 credit hours
GLG 101: Introduction to Geology I (Physical) (SQ) (3)
GLG 103: Introduction to Geology I: Laboratory (SQ) (1)
GLG 102: Introduction to Geology II (Historical) (SG & H) (3)
GLG 104: Introduction to Geology II-Laboratory (SG) (1)
GLG 310: Structural Geology (3)
GLG 321: Mineralogy (3)
SES 401: Earth and Space Exploration Colloquium (1)

Electives -- 6 credit hours
 GLG Upper Division Elective (6)

Courses in other related subjects may be approved by an academic advisor in the School of Earth and Space Exploration. Students should receive approval for substitutions prior to registration.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in earth and environmental studies; BS in earth and space exploration (astrobiology and biogeosciences); BS in earth and space exploration (geological sciences)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
A minor in geological sciences can help students advance their career options with marketable skills that align with their major areas of study, such as sustainability, civil and construction engineering, forestry and resource management.

The geological sciences minor provides a solid background in earth materials and processes that are fundamental to careers in environmental engineering and planning, science education, hydrogeology, water resources, scientific publishing, and careers in many other government and nongovernmental agencies.

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

German Minor (LAGERMIN)

Campus: Tempe

Description:
Students pursuing a minor in German gain an understanding of the language, literature and cultures of German-speaking peoples and regions.

Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience, and for more information they should go to the following department website: https://silc.asu.edu/silc-studyabroad (https://silc.asu.edu/silc-studyabroad).

Program Requirements:
The German minor requires 18 credit hours, of which 15 must be upper division. Three credit hours of GER 200-level coursework may be applied to the German minor. Course substitutions are allowed for heritage and advanced speakers of the language. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

GER 200-Level Coursework (choose one) -- 3 credit hours
GER 201: Intermediate German I (G) (4)
GER 202: Intermediate German II (G) (4)
GER 210: Intensive German II (G) (6)
Three credit hours of 200-level coursework will be applied to the minor and any additional credit hours earned will be applied toward university elective hours.

Required Course -- 3 credit hours
GER 312: Explore German Culture (G) (3)

Choose two courses -- 6 credit hours
GER 310: Making Sense of German Grammar (G) (3)
GER 311: Express Yourself in German (G) (3)
GER 313: Create in German: Writing, Speaking, Performing (G) (3)

GER 319: Work with German (G) (3)

Upper Division GER Electives -- 6 credit hours
 GER Upper Division Elective (6)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in German

Other Enrollment Requirements: None

Students who wish to add a minor in German to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in German studies helps students with communication and cultural competency skills as they pursue careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-german-minor
DH 131
silcadvising@asu.edu
480-965-6281

Global Health Minor (LASSHMIN)
Campus: Tempe, Online

Description:
The minor in global health is a transdisciplinary program designed for students who seek a broad and flexible set of skills for understanding contemporary health challenges and thinking about how they might best be solved.

Global health is understood in the anthropological sense, meaning ways of understanding and addressing disease, health and well-being that can incorporate all cultures, places and time and that can integrate knowledge of health's social, historical, biological and ecological dimensions.

Program Requirements:
The minor in global health is comprised of 18 credit hours, at least 12 of which must be upper division. A minimum grade of "C" (2.00 on a scale of 4.00) is required for courses used toward the minor. This minor is also available in an online format to complement the studies of ASU Online students.

Required Core Course -- 3 credit hours
ASB 100: Introduction to Global Health (SB & G) (3)

Upper-Division Core Electives (choose three) -- 9 credit hours
AFR 383: Blacks in Science, Medicine and Public Health (3)
ASB 300 / SSH 300: Food and Culture ((L or SB) & C) (3)
ASB 301 / HST 301 / SSH 301: Global History of Health (SB & G & H) (3)
ASB 305: Poverty and Global Health ((L or SB) & G) (3)
ASB 316: Money and Culture (L or SB) (3)
ASB 327: Disaster! ((L or SB) & C) (3)

ASB 355: Traditional Medicine and Healing (HU or SB) (3)
ASB 357: Society, Drugs and Health (SB & G) (3)
ASB 370 / SOS 370: Ethics of Eating (L or SB) (3)
ASB 376: Global Health Policy (3)
ASB 378 / TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) (3)
ASB 457: Global Mental Health ((L or SB) & G) (3)
ASB 462: Medical Anthropology: Culture and Health (SB & C) (3)
ASM 345: Disease and Human Evolution (3)
ASM 401: Health and Human Biology (3)
ASM 403 / BIO 403: Evolutionary Medicine and Global Health (3)
ASM 414: Environmental Health (SB) (3)
ASM 456: Infectious Disease and Human Evolution (3)
HPS 331 / BIO 318: History of Medicine (HU & H) (3)
HST 304: Black Death:Pandemic Disease in the Medieval World (3)
MIC 314 / SSH 314: HIV/AIDS: Science, Behavior, and Society (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 450: Nutrition in the Life Cycle (SB) (3)
SGS 340: Violence, Conflict and Human Rights (3)
SGS 350: Economic Development and Globalization (3)
SOC 424: Women and Health (SB) (3)
SOC 427: Sociology of Health and Illness (SB) (3)
TCL 323: Latina/o Health Issues (SB & C) (3)
TCL 326: Health of Chicanas and Latinas (SB & C) (3)
TCL 327: Health and Migration (SB) (3)
TCL 410 / SOC 410: Race, Medicine, and the Body (L) (3)
TCL 447 / SGS 454 / SOS 447 / WST 447: Gender, Culture, and Development ((L or SB) & G) (3)
WST 360: Women as Healers (SB & G) (3)
WST 365: Women and International Health (G) (3)
WST 380 / AMS 380 / ETH 380: Race, Gender, and Class (SB & C) (3)
WST 440: Politics of Women's Health (SB & C) (3)
WST 444: Gender, Health, and Bodies (SB) (3)

Study Abroad Experience -- 6 credit hours
SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) or students choose another approved global health study abroad experience (summer session, six credits minimum) (6)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in global health

Other Enrollment Requirements:

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. The major supports the goals of those pursuing careers in academic research, teaching and health services. Sample employment venues include:

- departments of health
- government agencies
- international agencies (World Health Organization, Center for Disease Control, Global Health Council, World Bank, Inter-American Development

Bank)
- nongovernmental organizations
- private sector
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations, such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Global Studies Minor (LASGSMIN)

Campus: Tempe, Online

Description:
The minor program in global studies offers students exposure to global processes and institutions from a transdisciplinary perspective. The program aims to provide students with an introduction to the tools and skills necessary to make connections linking theory with challenging global issues.

Program Requirements:
The minor in global studies consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.

Required Courses -- 6 credit hours
SGS 101: Thinking Globally (SB & G) or SGS 301: Principles of Global Studies (G) (3)
SGS 303: Global Trends (SB & G) (3)

Electives -- 12 credit hours
 SGS Elective (3)
 SGS Upper Division Elective (9)

A maximum of three credit hours of SGS 484 International Experience or three credit hours of SGS 499 Individualized Instruction may be applied to the minor.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in global studies

Other Enrollment Requirements: None

An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in global studies can help students as they pursue careers in diplomacy and international relations, international sales or marketing, or international trade.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Health Care Compliance and Regulations Minor (NUHCCRMIN)

Campus: Downtown Phoenix, West

Description:
The minor program in health care compliance and regulations integrates best practices from the business, regulatory, ethics and engineering fields as well as from the medical industry. Students acquire the foundational and advanced knowledge that is required for support of regulatory compliance in a health-focused environment, and the minor's focus on regulatory and ethical compliance enhances a student's major discipline.

Program Requirements:
A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 16 credit hours
HCR 259: Compliance and the Health Care Industry (4)
HCR 263: Introduction to Medical Billing and Compliance (3)
HCR 360: Data Security and Privacy in Health Care Compliance (3)
HCR 362: Monitoring and Auditing for Health Care Compliance (3)
HCR 460: Investigations and Disclosures in Health Care Compliance (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in health care compliance and regulations

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Students pursuing a minor find that the course in a minor complement and enhance the skill sets and knowledge acquired while pursuing their major program. Although most career areas require more training than a minor can provide, students pursuing the health care compliance and regulations minor often pursue a career on the administrative side of health care organizations.

Contact Information:
Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/minors
MERCC 250
EdsonCollege.Advising@asu.edu
602-496-0888

Health Care Coordination Minor (NUHCCOMIN)

Campus: Downtown Phoenix, West

Description:

A minor in health care coordination allows students to combine the knowledge of their major discipline with the foundational and advanced concepts of health care coordination.

Students completing this innovative minor have the knowledge that enables them to navigate the health care system and assist in the coordination of health care for individuals and families and to optimize outcomes.

Program Requirements:

A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 18 credit hours
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) (3)
HCR 221: Foundational Concepts for Health Care Coordination (3)
HCR 302: Social Determinants of Health (3)
HCR 321: Advanced Concepts for Health Care Coordination (3)
HCR 420: Professional Role Development: Health Care Coordination (3)
HCR 422: Policy and Financial Principles in Health Care Coordination (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in health care coordination

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Students pursuing a minor find that the courses in a minor complement and enhance the skill sets and knowledge acquired while pursuing their major program. Although most career areas require more training than a minor can provide, students completing the health care coordination minor often pursue employment in an organization focused on health care.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/minors
MERCC 250
EdsonCollege.Advising@asu.edu
602-496-0888

Health Innovation Minor (NUHCIMIN)

Campus: Downtown Phoenix, West

Description:

The health innovation minor provides students with the foundational concepts necessary for them to contribute to transformational change in real-

world health situations. This program gives students an understanding of entrepreneurial thinking as well as initiating, implementing and sustaining innovation in health settings.

Program Requirements:
A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Course -- 3 credit hours
HCI 311: Health Innovation: Foundational Concepts (3)

Electives (select four) -- 12 credit hours
HCI 150: Introduction to Health Innovation (3)
HCI 250: Health Entrepreneurship and Value Creation (3)
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing (3)
HCI 344: Management and Leadership in Health Organizations (3)
HCI 412: Transforming Health Care: A Systems Perspective for Innovation (3)
HCI 421: Health Care Policy: The Innovator's View (3)
HCI 425: Facilitating Innovation to Achieve Outcomes (3)
HCI 428: Technology: A Tool to Advance Innovation in Health Care (3)
HCI 494: Special Topics (3)
Notes: Any 3 credit hour topic will count towards the minor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in health innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Although most career areas require more training than a minor can provide, students completing the health innovation minor often pursue employment in an organization focused on health care and utilize their skills to help impact change within the organization.

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/minors
MERCC 250
EdsonCollege.advising@asu.edu
602-496-0888

History Minor (ASHISMIN)
Campus: West

Description:
The minor program in history educates students in the methods and the use of basic tools of the historical discipline. Students are exposed to a broad span of history, both temporally and geographically, ranging from the ancient world through the modern period and extending from Europe to Latin America and the United States.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The minor in history consists of 18 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Students wishing to pursue the minor should meet with an academic advisor to construct a set of courses that reflect a particular area of specialty and interest. All courses used to satisfy requirements for the minor must be passed with a grade of "C" (2.00) or better.

History Survey Requirements -- 6 credit hours
Choose one of the following survey sets. If choosing to complete the European History/Western Civilization survey, complete two of three courses.
HST 100: Global History to 1500 (HU & H & G) AND HST 101: Global History Since 1500 (HU & H & G) (6)
HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H) or HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H) or HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H) (6)
HST 109: United States to 1865 ((HU or SB) & H) AND HST 110: United States Since 1865 (SB & H) (6)

Upper-Division History Electives   -- 9 credit hours
HST 495: Methods of Historical Inquiry (L) (https://webapp4.asu.edu/catalog/courselist?s=HST&l=upperdivision&t=2227&hon=F" > HST Upper Division Elective (9)

History Capstone Course -- 3 credit hours
(3)
Students must complete a minimum of six upper-division credit hours in History before enrolling in HST 495.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in history

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Graduates of this minor are prepared for graduate study, for professional degree programs and for careers in which critical thinking, research and writing skills are highly valued, such as journalism, editing, law and civil service.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/history-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

History Minor (LAHISMIN)

Campus: Tempe, Online

Description:
Students who pursue the minor in history study the growth and development of human society from all aspects: political, social, economic and cultural. The program covers the history of the United States, Europe, Asia, Latin America and Africa. By providing an understanding of how the various regions of the world developed, the minor in history enables students to understand today's complex world.

Program Requirements:
The history minor consists of 18 credit hours of coursework, at least 12 of which must be upper division. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses in the minor. A minimum of six upper-division credit hours must be in courses offered by The College of Liberal Arts and Sciences.

The minor in history is available to students in both on campus and ASU Online degree programs. ASU Online students choose courses from the designated track lists below.

Lower-Division Core Survey Courses (choose two) -- 6 credit hours
HST 100: Global History to 1500 (HU & H & G) (3)
HST 101: Global History Since 1500 (HU & H & G) (3)
HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H) (3)
HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H) (3)
HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H) (3)
HST 106: Asian Civilizations ((HU or SB) & G & H) (3)
HST 108: Introduction to Japan (SB & G & H) (3)
HST 109: United States to 1865 ((HU or SB) & H) (3)
HST 110: United States Since 1865 (SB & H) (3)
HST 111: Introduction to Asia (HU & H & G) (3)

Geographic Focus Courses (choose one course from each geographic area) -- 9 credit hours

Upper-Division Courses in African, Asian or Latin American History (choose one)
HST 302: Envisioning Peace (3)
HST 302: Gender and Sexuality in Islam (3)
HST 302: Slavery Systems in Africa (3)
HST 303: Studies in Asian History (3)
HST 305: Studies in Latin American History (3)
HST 307: Studies in African History (H) (3)
HST 336: Islamic Civilization (HU & H) (3)
HST 339: Islam in the Modern World (HU & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)
HST 375: Colonial Latin America (SB & H) (3)
HST 376: Modern Latin America (SB & G & H) (3)
HST 383: China (SB & H) (3)
HST 384: Modern China: 1700 to the Present (SB & G & H) (3)
HST 385: History of Chinese Medicine (HU & H & G) (3)
HST 386: Interpreting China's Classics ((L or HU) & H) (3)
HST 387: Japan ((L or SB) & H) (3)
HST 388: Japan (SB & G & H) (3)
HST 389: Japan Society and Values/Premod (3)
HST 391: Modern Southeast Asia (SB & G & H) (3)
HST 392: Modern India (3)
HST 404: Conquest and Encounters in Colonial Latin America (L & G) (3)
HST 435: The Russian Empire (SB & H) (3)
HST 436: Rise & Fall of Soviet Communism (SB & G & H) (3)
HST 441: Latin America and the World Economy (L & G & H) (3)
HST 443: The United States and Latin America (SB & G & H) (3)
HST 444: Latin American Independence ((L or HU) & G) (3)
HST 445: 20th-Century Cuba (SB & G & H) (3)
HST 447: Modern Mexico (SB & H) (3)
HST 451: Chinese Cultural History I ((HU or SB) & H) (3)
HST 452: Chinese Cultural History II (SB & G & H) (3)
HST 456: The Vietnam War (SB & G & H) (3)
HST 459: Gandhi and the Politics of Nonviolence (3)

Upper-Division Courses in European History (choose one)
HST 304: Studies in European History (3)
HST 309: Exploration and Empire ((L or HU) & H) (3)
HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) (3)
HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)
HST 348: Rome (SB & H) (3)
HST 349: Early Middle Ages ((HU or SB) & H) (3)
HST 350: Later Middle Ages ((HU or SB) & H) (3)
HST 351: Renaissance Europe ((L or HU or SB) & H) (3)
HST 352: Europe's Reformations ((L or HU or SB) & H) (3)
HST 353: Old Regime in Europe (SB & H) (3)
HST 354: Revolutionary Europe (SB & H) (3)
HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 356: Europe since 1945 (SB & G & H) (3)
HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)
HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)
HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
HST 362: Sex and Society in Classical and Medieval Europe (SB & H) (3)
HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) (3)
HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)
HST 365: World Wars I and II: Europe's Eastern Front (3)
HST 366: England to 1689 (SB & H) (3)
HST 367: Modern Britain (SB & H) (3)
HST 368: Culture and Imagination in European History (HU & H) (3)
HST 369: History and Memory of the Holocaust (3)
HST 370: Eastern Europe in Transition (SB & G & H) (3)
HST 373: Roman History I: Foundations and Republic (3)
HST 374: Roman History II: The Roman Empire (3)
HST 397: Greece and Rome at War (3)
HST 423: The Tudor Monarchy (SB & H) (3)
HST 424: The Stuart Monarchy (SB & H) (3)
HST 426: The British Empire (H) (3)
HST 427: French Revolution/Napoleonic Era (SB & H) (3)
HST 429: Modern Germany (SB & G & H) (3)
HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)
HST 435: The Russian Empire (SB & H) (3)
HST 436: Rise & Fall of Soviet Communism (SB & G & H) (3)
HST 438: Modern Spain ((HU or SB) & G & H) (3)
HST 439: Athenian Democracy (H) (3)
HST 465: Women in Europe, 1750 to Present ((HU or SB) & H) (3)

Upper-Division Courses in U.S. History (choose one)
HST 300: Experience of America's Modern Wars (H) (3)
HST 306: Studies in United States History (3)
HST 314: American Cultural History Since 1865 ((HU or SB) & H) (3)
HST 315: Political History of the U. S. (SB & H) (3)
HST 316: 20th-Century U.S. Foreign Relations (SB & H) (3)
HST 317: History of Postwar U.S. Conservatism (3)
HST 320: U.S. Urban History since 1850 (SB & H) (3)
HST 321: Constitutional History/US to 1865 (SB & H) (3)
HST 322: Constitutional History of the United States Since 1865 (H) (3)
HST 323: Historical Studies in Race, Crime, and the Law (3)
HST 325: Immigration and Ethnicity in the United States (SB & H & C) (3)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) (3)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)
HST 329: Women in 20th-Century U.S. West (H & C) (3)
HST 331: Mexican American History to 1900 (SB & H & C) (3)
HST 332: Mexican American History Since 1900 (SB & H & C) (3)
HST 333: African American History to 1865 (SB & H & C) (3)
HST 334: African American History Since 1865 ((HU or SB) & C & H) (3)
HST 335: History of Black Women in America (SB & H) (3)
HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)
HST 338: American Indian History since 1900 ((HU or SB) & C & H) (3)
HST 340: American Military History (SB & H) (3)
HST 341: U.S. West 19th Century (SB & H) (3)
HST 342: U.S. West 20th Century (SB & H) (3)
HST 343: American Southwest ((L or SB) & H) (3)
HST 344: Arizona (SB & H) (3)
HST 345: Environmental History (L) (3)
HST 377: Sports in United States History ((HU or SB) & H) (3)
HST 379: History of College Sports (3)
HST 405: Colonial American History to 1763 (SB & H) (3)
HST 406: American Revolution/1763-1789 (SB & H) (3)
HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H) (3)
HST 408: Civil War and Reconstruction ((L or SB) & H) (3)
HST 409: Emergence Modern U.S. 1877-1918 (SB & H) (3)

HST 412: Contemporary U.S., 1973- Present (SB & H) (3)
HST 413: Contemporary America ((L or SB) & H) (3)
HST 414: Political History and Leadership (3)
HST 419: 20th Century Chicano/a History (C) (3)
HST 443: The United States and Latin America (SB & G & H) (3)
HST 448: Mexican/U.S. Border (3)
HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C) (3)
HST 456: The Vietnam War (SB & G & H) (3)

Elective -- 3 credit hours
HST 100: Global History to 1500 (HU & H & G) (https://webapp4.asu.edu/catalog/courselist?s=HST&l=upperdivision&t=2227&hon=F" > HST Upper Division Elective (3)

ASU Online Minor Requirements

ASU Online Lower-Division Core Survey Courses (choose two) -- 6 credit hours
(3)
HST 101: Global History Since 1500 (HU & H & G) (3)
HST 109: United States to 1865 ((HU or SB) & H) (3)
HST 110: United States Since 1865 (SB & H) (3)

ASU Online Geographic Focus Courses (choose one course from each geographic area) -- 9 credit hours

ASU Online Upper-Division Courses in African, Asian or Latin American History (choose one)
HST 303: Studies in Asian History (3)
HST 339: Islam in the Modern World (HU & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)
HST 376: Modern Latin America (SB & G & H) (3)
HST 391: Modern Southeast Asia (SB & G & H) (3)
HST 456: The Vietnam War (SB & G & H) (3)

ASU Online Upper-Division Courses in European History (choose one)
HST 304: Studies in European History (3)
HST 309: Exploration and Empire ((L or HU) & H) (3)
HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)
HST 352: Europe's Reformations ((L or HU or SB) & H) (3)
HST 354: Revolutionary Europe (SB & H) (3)
HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)

ASU Online Upper-Division Courses in U.S. History (choose one)
HST 300: Experience of America's Modern Wars (H) (3)
HST 306: Studies in United States History (3)
HST 314: American Cultural History Since 1865 ((HU or SB) & H) (3)
HST 325: Immigration and Ethnicity in the United States (SB & H & C) (3)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) (3)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)
HST 332: Mexican American History Since 1900 (SB & H & C) (3)
HST 334: African American History Since 1865 ((HU or SB) & C & H) (3)
HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)
HST 338: American Indian History since 1900 ((HU or SB) & C & H) (3)
HST 340: American Military History (SB & H) (3)
HST 345: Environmental History (L) (3)
HST 379: History of College Sports (3)
HST 406: American Revolution/1763-1789 (SB & H) (3)
HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H) (3)
HST 408: Civil War and Reconstruction ((L or SB) & H) (3)
HST 413: Contemporary America ((L or SB) & H) (3)
HST 456: The Vietnam War (SB & G & H) (3)

ASU Online Elective -- 3 credit hours
 HST Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in history; BA in history (secondary education); BAE in secondary education (history)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

A minor can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a minor alone can provide. A minor in history can help students as they pursue careers in many fields, including education, law, public administration, social services, foreign service and communications.

Contact Information:

Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

History Minor (LSHISMIN)

Campus: Polytechnic

Description:

The minor in history focuses on American history, European history, Southwest history, environmental history, the history of technology, the history of engineering and related fields.

Program Requirements:

The history minor consists of 18 credit hours. All coursework for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 18 credit hours
 HST Elective (6)
 HST Upper Division Elective (12)
Notes: A minimum of six credit hours must be taken in courses offered by the College of Integrative Sciences and Arts.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in history; BA in history of science, ideas and innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in history can help students as they pursue careers in education, historical interpretation and conservation, legal professions, as archivists and curators, or in any position requiring critical thinking, research and writing skills.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

History of Science, Technology and Innovation Minor (LSHSIIMIN)

Campus: Polytechnic

This program's name has changed effective Fall 2022. The previous name was History of Science, Ideas and Innovation.

Description:
Science and technology shape every facet of modern human life, but all too frequently the underlying histories and ideas go unexamined. The minor program in the history of science, technology and innovation helps students understand how society reached its present state and helps them reflect on what the future might hold by providing a foundation in the social and intellectual issues central to understanding the intertwined histories of science, technology and ideas.

Program Requirements:
The minor of history of science, technology and innovation requires 15 credit hours, including a minimum of 12 upper-division credit hours. A minimum of six upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Course -- 3 credit hours
HST 280: History of Science, Ideas and Innovation (SB & G & H) (3)

Electives (choose four) -- 12 credit hours
HST 309: Exploration and Empire ((L or HU) & H) (3)
HST 318: History of Engineering ((L or SB) & G) (3)
HST 319: History of Aviation (H) (3)
HST 345: Environmental History (L) (3)
HST 380: Studies in the History of Science (3)
HST 381: Studies in the History of Ideas (3)
HST 382: Studies in the History of Innovation and Technology (3)
HST 482: Writing and the History of Science, Ideas and Technology (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00 cumulative GPA

Incompatible Majors: BA in history; BA in history of science, ideas and innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in the history of science, technology and innovation can help students as they pursue careers in education, historical interpretation and conservation, legal professions, compliance and regulation of technology, or in any position requiring critical thinking, research and writing skills.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Human Nutrition Minor (ECNTRMIN)

Campus: Downtown Phoenix

Description:
The minor in human nutrition focuses on the science behind nutrition. This includes how the body processes nutrients for energy, how nutrients play important roles in health and disease, and how nutritional needs change across the lifespan. This minor also includes the medical nutrition therapy sequence which provides students with a clear understanding of how nutrition can be used to prevent and treat diseases in a medical setting.

Knowledge obtained from this minor is useful for careers in the life sciences, biology, medicine, public health and health policy.

Program Requirements:
The minor requires a total of 18-19 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 19 credit hours
NTR 241: Human Nutrition (3)
NTR 341: Medical Nutrition Therapy I (3)
NTR 440: Advanced Human Nutrition I (3)
NTR 441: Advanced Human Nutrition II (3)
NTR 444: Medical Nutrition Therapy II (3)
NTR 446: Medical Nutrition Therapy III or NTR 450: Nutrition in the Life Cycle (SB) (3-4)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BAS in food and nutrition entrepreneurship, BS in dietetics, BS in food and nutrition entrepreneurship, BS in health sciences (healthy lifestyles and fitness science), BS in nutritional science

Other Enrollment Requirements: In order to enroll in the courses required for the minor, students must complete the following courses:

BCH 361 Advanced Principles of Biochemistry
BIO 201 Human Anatomy and Physiology I
BIO 202 Human Anatomy and Physiology II
CHM 101 Introductory Chemistry
CHS 260 Health Professions Terminology

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
A minor can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a minor alone can provide.

Graduates with a minor in human nutrition have enhanced knowledge of how food is digested and metabolized in the body. This information is valuable for those pursuing careers in the health and medical field.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/human-nutrition
HLTHN 401AA
chs@asu.edu
602-496-3300

Human Systems Engineering Minor (ESHSEMIN)

Campus: Polytechnic, Online

Description:
The minor in human systems engineering in the Ira A. Fulton Schools of Engineering provides students with an understanding of the science of human performance and with experience using methods and tools that will enable them to apply their understanding to design and problem-solving. These skills can be used in a wide variety of domains, such as product usability, learning design, sports performance, and workplace and hospital safety.

Program Requirements:
The minor requires 21 credit hours. All required minor courses must be passed with a "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 18 credit hours
HSE 101: Introduction to Human Systems Engineering (SB) (3)
HSE 225: Human Systems Integration (3)
HSE 230: Statistics for Human Systems Research I (CS) (3)
HSE 290: Experimental Methods for Human Systems Research (L) (3)
HSE 323: Perceptual Systems (SB) or HSE 324: Applied Cognitive Science (SB) (3)
HSE 325: Human-Computer Interaction (3)

Elective Course -- 3 credit hours
HSE 422: Human Factors in Sport (3)
HSE 423: Human Factors in Transportation (3)
HSE 424: Human Automation Interaction (3)
HSE 425: Human Factors in Medical Systems (3)
HSE 426: Training and Expertise (3)
HSE 427: Designing for Learning (3)
HSE 428: Judgment and Decision Making (3)
HSE 429: Product Design and Evaluation (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in human systems engineering

Other Enrollment Requirements: None

Students should consult with a Polytechnic School advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should go to https://fultonapps.asu.edu/advising (https://fultonapps.asu.edu/advising).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A broad range of professions need experts in human factors to work on problems that involve an understanding of human performance. Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

The human systems engineering minor prepares students for industry and government careers in positions such as:

- game designer
- human factors engineer
- human systems integrator
- interface designer
- user experience designer
- usability engineer

Graduates may work as a member of a design team for a product or system.

Contact Information:
Engineering, Ira A. Fulton Schools of
Human Systems Engineering
https://poly.engineering.asu.edu/hse/
WANER 240J
polyadvising@asu.edu
480-727-1874

Innovation in Society Minor (FIFISMIN)

Campus: Tempe, Online

Description:
The minor in innovation in society equips students with the tools needed for analyzing how science, technology and other social forces shape the present and future.

Students cultivate the critical thinking skills they need to develop creative strategies that steer innovation toward the needs and values of society. They are trained to synthesize research and theory from the social sciences, humanities, natural sciences and engineering so they can develop proposals for how to build better futures. This enables students to understand the broader context of their major and helps them mesh those studies with other disciplines to develop more encompassing solutions to important problems.

Program Requirements:
Required Courses -- 15 credit hours
FIS 111: Welcome to the Future (3)
FIS 201: Innovation in Society (H) (3)
FIS 305: Ways of Knowing (L) (3)
FIS Upper Division Elective (3)
FIS Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA innovation in society, BS innovation in society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:
Completing this minor can help students bring about positive change in a diverse workforce. The unique knowledge and skills gained from this program enhance a student's bachelor's degree and career opportunities. The minor can complement any career path in a variety of sectors, including business, technology, science, education or government.

Contact Information:
Global Futures, College of
School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/undergrad/minor/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Instructional Design Minor (TELDTMIN)

Campus: Online

Description:
The curriculum of the minor in instructional design is grounded in modern learning theory and design. Coursework addresses a variety of components within the field of education including foundations of instructional design, theory and design of digital learning, and digital learning evaluation. All courses are taught online and combine a range of resources and technologies to facilitate direct interaction between students, program faculty and classmates.

This program culminates with an internship where students create and present a project that demonstrates their knowledge of instructional design by applying it in a professional context. Students work with an organization to identify an instructional need, problem or performance gap, and then they develop and deploy a solution to be delivered in an online or blended format.

This minor does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Program Requirements:
Required Courses -- 12 credit hours
LDT 301: Foundations of Instructional Design (3)
LDT 320: Digital Learning Theories (3)
LDT 330: Design of Digital Learning (3)
LDT 410: Assessment and Evaluation for Digital Learning (3)

Required Internship -- 3 credit hours
LDT 484: Internship (3)
The required internship LDT 484 is a Session C 15-week course. Students must secure an approved ASU work or volunteer placement for the internship. It is recommended that this be secured three months before the start of your internship. The MLFTC Office of Professional Experiences (OPE) (https://education.asu.edu/student-life/office-professional-experiences) supports all site placements for students in our college. For students who do not have an existing placement that meets the requirements of ASU, OPE will help find an appropriate placement.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
There is growing demand for online educators, including at companies that develop the materials for online students and any organization focused on digital learning. Graduates are prepared for instructional design roles in K-12, higher education, nonprofits and corporate settings. Career examples include:

- curriculum coordinator
- curriculum designer or developer
- distance learning manager
- instructional designer
- media center specialists
- technology coordinator
- training specialist, coordinator or manager

Contact Information:
Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
https://education.asu.edu
ED 118
educationadvising@asu.edu
480-965-5555

Integrative Health Minor (NUIHLTMIN)

Campus: Downtown Phoenix, West

Description:
The integrative health minor program provides students with the foundational knowledge they need to approach health from a holistic perspective that focuses on the mind, body and spirit. This program provides an overview of holistic approaches as well as emphasizes research, evidence-based approaches and the legal, ethical, historical and cultural foundations of integrative health care.

Program Requirements:
This minor requires 18 credit hours. A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 15 credit hours
HCR 241: Foundations of Integrative Health (3)
HCR 341: Biological, Manipulative, and Body-Based Therapies (3)

HCR 342: Mind-Body and Energy Therapies and Modalities (3)
HCR 343: Historical and Cultural Foundations of Integrative Health Care (3)
HCR 440: Interprofessional Approaches to Integrative Health Care (3)

Elective -- 3 credit hours
  BIO OR   CHM Elective (3-4)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in integrative health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Although most career areas require more training than a minor can provide, students completing the integrative health minor often pursue employment in an organization focused on health care.

Contact Information:
Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
https://nursingandhealth.asu.edu/programs/minors
MERCC 250
EdsonCollege.Advising@asu.edu
602-496-0888

Integrative Social Science Minor (LSISSMIN)
Campus: Polytechnic

Description:
The minor program in integrative social science is designed to provide general education in the social sciences to individuals who desire exposure to the variety of theories and methods of social scientists. Individuals seeking to expand their analytical, problem-solving and strategic planning skill sets benefit from this minor.

The minor is useful to engineers, technologists and other professionals whose specialized education may not have given them access to social science research theories and methodologies, though their professional activities demand knowledge of those tools.

Program Requirements:
The minor requires 18 credit hours, including 15 credit hours of required courses and three credit hours of electives.
Because of their specific design for this particular minor, the 15 credit hours of required courses may not be substituted, nor may transfer hours be used to satisfy the requirements.

Required Courses -- 15 credit hours
ISS 301: Integrated Social Science Research Methods (SB) or POS 301: Empirical Political Inquiry (SB) or STS 301: Research in Science and Technology Studies (SB) (3)
ISS 302: Scope of Social Science (SB) (3)
ISS 304: Integrated Theories of Social Science (SB) (3)
ISS 401: Statistics for Integrated Social Science (MA) or POS 401: Political Statistics (CS) or STS 401: Statistics in Science and Technology Studies (CS) (3)
STS 304: Science, Technology and Society (SB) (3)

Elective (choose one) -- 3 credit hours
POS 316: American Political Institutions (3)
POS 325: Public Policy Development (SB) (3)
POS 485: Political Economy (SB) (3)
SOC 332: The Modern City (G) (3)
SOC 352: Social Change (SB & G & H) (3)
SOC 420: Sociology of Religion (L or SB) (3)
SOC 421: Education and Society (SB) (3)
STS 306: Social Effects of Science and Technology (SB) (3)
STS 317: Science, Technology, and Global Engagement (SB & G) (3)
STS 329: Technology in Developing Countries (SB & G) (3)
STS 330: Information Technology and Globalization (SB & G) (3)
STS 331: Ethical Issues in Science and Technology (SB) (3)
STS 332: Global Issues in Science and Technology (SB) (3)
STS 364: Science, Technology, and National Security (SB) (3)
WST 300: Women and Gender in Contemporary Society (SB & C) (3)
WST 380: Race, Gender, and Class (SB & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in integrative social science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in integrative social science can help students expand skills in the analysis of social phenomena and complex social problems as they pursue careers in strategic analysis, economics and politics.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

Interdisciplinary Organizational Studies Minor (ASIOSMIN)
Campus: West

Description:
The minor program in interdisciplinary organizational studies is designed to increase students' understanding of the behavioral dynamics of individuals and groups in the workplace. It incorporates perspectives from the behavioral and social sciences, communication studies and management.

The minor is learner-centered and allows students to select coursework that matches their career and educational goals.

The program is offered by the School of Social and Behavioral Studies.

Program Requirements:
The minor in interdisciplinary organizational studies consists of 21 credit hours (a minimum of 18 credit hours must be upper division). Six upper-division credit hours must be taken from the School of Social and Behavioral Sciences. The research methods course must be approved by an academic advisor prior to enrollment. Students will complete 12 credit hours in courses focused on organizations and three credit hours from courses focused on diversity within organizations. The internship site must be approved by the Internship Advisor prior to enrollment. All courses used to satisfy the requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements   -- 6 credit hours
PSY 453: Organizational Behavior (SB) (3)

A research methods course must be chosen in consultation with an academic advisor in the School of Social and Behavioral Sciences from the following:
COM 308: Advanced Research Methods in Communication (L) (3)
PSY 230: Introduction to Statistics (CS) (3)
SBS 304: Social Statistics I (CS) (3)

Cluster 1 - Courses Focused on Organizations -- 12 credit hours
Choose four courses from the following list:
COM 320: Communication and Consumerism (SB) (3)
COM 400: Dissent in Organizations (3)
COM 450: Organizational Communication (SB) (3)
COM 451: Communication and Work Relationships (3)
COM 453: Communication Training and Development (3)
PHI 360: Business and Professional Ethics (HU) (3)
PSY 482: Social Influence and Consumer Behavior (SB) (3)
PSY 484 / COM 484: Internship or SOC 484: Internship (1)
SOC 443: Sociology of Corporations (SB & G) (3)

Cluster 2 - Courses Focused on Diversity Within Organizations -- 3 credit hours
Choose one course from the following list:
COM 463: Intercultural Communication in a Global Context (SB & G) (3)
POS 437: Women, Power, and Politics (G) (3)
SOC 270: Sociology of Race and Ethnicity (SB & C) (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 426: Social Inequalities (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in interdisciplinary organizational studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Career Opportunities:
Students with a minor in interdisciplinary organizational studies are well-suited for employment as a human relations analyst, employee training and development manager, corporate communications specialist, customer service and customer relations manager, EEO representative, labor organizer or mediator.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/interdisciplinary-organizational-studies-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Interior Design History Minor (ARINTMIN)

Campus: Tempe

Description:

The minor in interior design history is available to students interested in studying design and culture across many time periods.

The courses designated for the minor are part of the professional studies in interior design environments. The coursework introduces theories informing the professions of architecture, decorative arts and interior design, while also examining cultures and history from around the globe.

Program Requirements:

Eighteen credit hours (of which 12 credit hours must be from the 300- or 400-level) are required for the minor. A minimum grade of "C" (2.00) is required in all courses for the minor. To enhance the understanding of the subject matter, the selected courses are sequential in nature and require certain prerequisites. Consequently, students should carefully note the semester in which any of these courses are offered.
A minimum GPA of 2.50 in minor courses is required to earn the minor in interior design history.

Required Courses -- 12 credit hours
DSC 101: Design Awareness (HU & G) (3)
INT 111: Interior Design Issues and Theories (HU) (3)
INT 310: History of Interior Design I (HU & H) (3)
INT 311: History of Interior Design II (HU & H) (3)

Interior Design History Courses -- 6 credit hours
APH 300: World Architecture I/Western Cultures (HU & H & G) (3)
INT 415: Latin American Design or INT 494: Design and Culture in Latin America (3)
INT 494: Contemporary Design Issues in Europe (3)
INT 494: Design and Context (3)

INT 494 "Contemporary Design Issues in Europe" and INT 494 "Design and Context" are offered as part of a summer study abroad program only.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BSD in interior design

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The minor in interior design history can complement professional studies in architecture, interior design, environmental design, art, education and history. Degrees within these disciplines can lead to professional positions within studio design firms, design administration and design education.

Contact Information:

Design and the Arts, Herberger Institute for
The Design School

https://design.asu.edu/degree-programs
CDN 162
herbergeradvising@asu.edu
480-965-4495

Italian Minor (LAITAMIN)

Campus: Tempe

Description:
Students pursuing a minor in Italian gain an understanding of the language, literature and cultures of Italian-speaking peoples and regions.

Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience and should go to https://silc.asu.edu/silc-studyabroad (https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages) for more information.

Program Requirements:
The Italian minor requires 18 credit hours. A minimum of 12 credit hours must be upper division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
ITA 311: Speak Italy: Language, People, Culture (G) or ITA 312: Write Italy: Language, People, Culture (L & G) (3)
ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) or ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) (3)

Electives -- 12 credit hours
Students may apply a maximum of six credit hours of 200-level ITA courses toward the minor. If both ITA 201 and ITA 202 are completed, the remaining two credit hours will be counted toward university elective credit. All remaining electives must be upper-division ITA courses, of which at least three credit hours must be completed at the 400-level.

ITA 201: Intermediate Italian I (G) (4)
ITA 202: Intermediate Italian II (G) (4)
ITA 210: Intensive Italian II (G) (6)
ITA 311: Speak Italy: Language, People, Culture (G) (3)
ITA 312: Write Italy: Language, People, Culture (L & G) (3)
ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) (3)
ITA 319: Italian for Professions (3)
ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) (3)
ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) (3)
ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)
ITA 394: Special Topics (1-4)
ITA 413: Advanced Italian (G) (3)
ITA 414: French and Italian Popular Culture ((L or HU) & G) (3)
ITA 420: Italian Cinema (L & G) (3)
ITA 423: Italian Organized Crime in Films and History ((L or HU) & G) (3)
ITA 484: Internship (3)
ITA 494: Special Topics (1-4)
ITA 499: Individualized Instruction (3)

Additional courses can be used toward minor electives with permission of an academic advisor in the School of International Letters and Cultures.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in Italian

Other Enrollment Requirements: None

Students who wish to add a minor in Italian to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
A minor in Italian studies enables students to enhance the marketable skills and knowledge they acquire in their major program with additional communication and cultural competencies.

Students with the minor often pursue careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-italian-minor
DH 131
silcadvising@asu.edu
480-965-6281

Justice Studies Minor (LAJUSMIN)
Campus: Tempe, Online

Description:
The minor program in justice studies is designed for students interested in developing an understanding of the meaning of justice and injustice and in analyzing controversial issues. In addition to the two required core courses, students are able to select electives that align with their specific interests.

Program Requirements:
The minor requires a minimum of 18 credit hours. At least 12 credit hours must be at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
JUS 105: Introduction to Justice Studies (SB) or JUS 305: Principles of Justice Studies (SB) (3)
JUS 303: Justice Theory (L) (3)

Electives -- 12 credit hours
Select any JUS course except JUS 301, JUS 302 or any course listed as a required course for Justice Studies majors.
 JUS Elective (3)
 JUS Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA and BS in justice studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their

majors. Those with a minor in justice studies are able to bring specialized knowledge and skills pertaining to social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Kinesiology Minor (NHKINMIN)

Campus: Downtown Phoenix, ASU@Lake Havasu

Description:
The minor program in kinesiology introduces students to the concepts, theories, research and careers related to the four major subdisciplines of kinesiology (motor behavior, exercise and health psychology, biomechanics and exercise physiology). Students in the minor select one of these four subdisciplines as the area of emphasis on which to focus in the upper-division requirements for the minor.

Program Requirements:
The minor requires a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.
Students begin by taking KIN 101 Introduction to Kinesiology and KIN 290 Introduction to Evidence-Based Practice. After this, students will select a track in one of the four subdisciplines.
*All track courses must come from a single track.

Required Core Courses for all Tracks -- 6 credit hours
KIN 101: Introduction to Kinesiology (3)
KIN 290: Introduction to Evidence-Based Practice (L) (3)

Biomechanics Track:

Biomechanics Required Course -- 3 credit hours
KIN 335: Biomechanics (3)

Biomechanics Track Electives (choose three) -- 9 credit hours
KIN 334: Functional Anatomy and Kinesiology (3)
KIN 412: Biomechanics of the Skeletal System (3)
KIN 415: Theory of Corrective Exercise (3)
KIN 418: Experimental Neuromechanics (L) (3)
KIN 494: Functional Anatomy of Low Back Pain (3)

Exercise Physiology Track:

Exercise Physiology Track Required Course -- 3 credit hours
KIN 340: Physiology of Exercise (3)

Exercise Physiology Track Electives (choose three) -- 9 credit hours
KIN 334: Functional Anatomy and Kinesiology (3)
KIN 440: Exercise Biochemistry (3)
KIN 441: Physiology of Women in Sport (L) (3)
KIN 442: Fuel Metabolism (3)
KIN 443: Exercise Endocrinology (L) (3)
KIN 444: Metabolic Adaptations to Exercise Training (3)
KIN 447: ECG Interpretation (3)
KIN 460: Theory of Strength Training (L) (3)
KIN 465: Muscle Physiology (3)
KIN 466: Cardiovascular Exercise Physiology (3)

Exercise/Health Psychology Track:

Exercise/Health Psychology Track Required Course -- 3 credit hours
KIN 352: Psychosocial Aspects of Physical Activity (SB & C) (3)

Exercise/Health Psychology Track Electives (choose three) -- 9 credit hours
KIN 334: Functional Anatomy and Kinesiology (3)
KIN 348: Psychological Skills for Optimal Performance (SB) (3)
KIN 450: Biopsychosocial Perspectives on Physical Activity and Health (3)
KIN 452: Exercise Psychology (SB) (3)
KIN 454: Motivational Theory in Exercise and Health (3)

Motor Behavior Track:

Motor Behavior Track Required Course -- 3 credit hours
KIN 345: Motor Behavior (3)

Motor Behavior Track Electives (choose three) -- 9 credit hours
KIN 334: Functional Anatomy and Kinesiology (3)
KIN 422: Motor Control in Special Populations (L) (3)
KIN 424: Neural Aspects of Movement and Rehabilitation (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in kinesiology; BS in clinical exercise science; BS in sports science and performance programming

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A kinesiology minor can enhance a student's knowledge of human movement, and this information is valuable for those pursuing careers in the health and medical field.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/kinesiology-0
HLTHN 401AA
CHS@asu.edu
602-496-3300

Korean Minor (LAKORMIN)

Campus: Tempe

Description:
The Korean minor program is designed to enrich and deepen students' understanding of Korea by placing special emphasis on obtaining a high level of language proficiency in Korean as well as gaining extensive knowledge of Korean literature, culture, film and linguistics, which are necessary for professional or academic endeavors in areas related to Korea or East Asia.

Program Requirements:
The minor in Korean consists of 18 upper-division credit hours in the field. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 credit hours must be taken in courses taught by ASU or completed through a study abroad program administered by ASU and officially recognized by the Korean program.

Required Courses -- 6 credit hours
KOR 313: Third-Year Korean I (G) (3)
KOR 314: Third-Year Korean II (G) (3)

Korean Electives (select four) -- 12 credit hours
KOR 347: Korean Film and Literature (HU) (3)
KOR 350: Women of Korea (H) (3)
KOR 375 / SLC 375: Intercultural Communication in Korea (SB & G) (3)
KOR 401: Advanced Korean I (3)
KOR 402: Advanced Korean II (3)
KOR 415 / SLC 415: Korean Popular Culture (HU & G) (3)
KOR 457 / SLC 457: Premodern Korea in a Global Context (HU) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: Students must have completed KOR 202 Second-Year Korean II with a minimum course grade of a "C" (2.00 on a 4.00 scale) or better or have an equivalent level of Korean language proficiency.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in Korean studies equips students with communication and cultural competency skills, a valuable benefit when they pursue careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-korean-minor
DH 131
silcadvising@asu.edu
480-965-6281

Landscape Studies Minor (ARLNDMIN)
Campus: Tempe

Description:
The landscape studies program is designed for students who have an interest in landscape architecture but are pursuing a major in another field.

This minor provides an overview to the topic of landscape architecture and a foundational framework for understanding how shaping the exterior environment can impact life and the environment. The course selection provides greater understanding of landscape architecture concerns particularly relevant in related professional disciplines.

Program Requirements:
Eighteen credit hours (to include 12 credit hours of upper-division coursework) are required for the minor. A minimum grade of "C" (2.00) is required in all courses for the minor.
A minimum GPA of 2.50 in minor courses is required to earn the minor in landscape studies.

Required Courses -- 12 credit hours
ALA 102: Landscapes and Sustainability (HU & G) (3)
LAP 251: Plant Materials for Sustainable Landscapes or ALA 100: Introduction to Environmental Design (HU & H & G) (3)
LAP 311: History of Landscape Architecture (HU & H) (3)

LAP 312: 20th-Century Landscape Architecture (HU) (3)

Landscape Architectural History and Theory -- 6 credit hours
EDS 301: Sustainable Community Design and Practices (HU) (3)
LAP 332: GIS Applications in Environmental Design (CS) (3)
LAP 352: Ecosystems and Sustainable Design (3)
LAP 413: Landscape Architecture Theory and Criticism (L) (3)
LAP 485: International Field Studies (G) (1-6)
LAP 494: Special Topics (3)
LAP 499: Individualized Instruction (1-3)
Notes: LAP 499 requires a petition to The Design School.
LDE 494: Special Topics (3)
LPH 494: Special Topics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.50

Incompatible Majors: BS in landscape architecture

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The minor in landscape architecture is intended to augment a degree and expand career possibilities in any of the environmental design disciplines, including architecture, interior design and planning.

Contact Information:
Design and the Arts, Herberger Institute for
The Design School
https://design.asu.edu/
CDN 162
herbergeradvising@asu.edu
480-965-4495

Latin American Studies Minor (ASLASMIN)
Campus: West

Description:
The minor program in Latin American studies offers a learner-driven model in which the student's specific interests are deepened through the study of Latin America. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America.

Program Requirements:
The minor in Latin American studies consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken from the School of Humanities, Arts, and Cultural Studies and a minimum of 12 credit hours must be completed at ASU. Relevant course substitutions from other ASU colleges and schools may be permitted with the approval of the Latin American Studies faculty lead and if the course focuses solely upon Latin American studies. All courses used to satisfy the requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
LAS 205: Deep Roots: Latin America (HU & G) (3)

LAS 206: Locating Latin America:Interdisciplinary Methods (3)

Upper-Division Latin American Studies Electives   -- 12 credit hours
AMS 330: American Lives (HU & C) (3)
ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
ASB 356 / SBS 356 / SOC 356 / POS 354: Central American Studies (SB & G) (3)
COM 477: Sport, Culture, and Discourses (3)
IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) (3)
IAP 473: Aesthetic Research (L or HU) (3)
IAP 474: Art and Film (L or HU) (3)
IAS 406 / PHI 406: Moral Dilemmas (L or HU) (3)
LAS 330: From the Inside: The Latin American Journey (HU) (3)
LAS 340: Latin American Women Writers (HU & G) (3)
LAS 350: The Construction of a Nation: Chile in the 20th/21st Century (3)
LAS 351: Cityscapes: Urban Mexican Literature and Culture (3)
LAS 355: Contemporary Mexican Cinema: Changing Cartographies (3)
LAS 375 / HST 375: Colonial Latin America (SB & H) (3)
LAS 376 / HST 376: Modern Latin America (SB & G & H) (3)
LAS 394 / POR 394 / SLC 394 / SPA 394: Special Topics (3)
LAS 404 / HST 404: Conquest and Encounters in Colonial Latin America (L & G) (3)
LAS 419 / HST 419: 20th Century Chicano/a History (C) (3)
LAS 428 / AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)
LAS 430 / ETH 430 / WST 430: Gender on the Borderlands (SB & G) (3)
LAS 441 / HST 441: Latin America and the World Economy (L & G & H) (3)
LAS 449 / FOR 449 / SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) (3)
LAS 450 / AMS 450 / ETH 450: Latina/os, Schooling and Social Inequality (C) (3)
LAS 471: Treaties and Cultural Production in Spain and the Americas (3)
LAS 473 / ETH 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) (3)
LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)
LAS 494 / POR 494 / SLC 494 / SPA 494: Special Topics (3)
MUS 354: Latin American Popular Music (3)
NEW 300: International Cities (3)
Notes: NEW 300 International Cities can be used as an Upper-Division Latin American Studies Elective for Latin American cities only.
PHI 306: Applied Ethics (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
POS 453: Latin America (SB & G) (3)
POS 454: Mexico (SB & G) (3)
PSY 468: Psychology and Law (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)
SOC 445: Globalization, Development, and Resistance (SB & G) (3)
SPA 325: Introduction to Hispanic Literature (HU) (3)
SPA 413: Spanish Grammar in Context (G) (3)
SPA 426: Literature and Society in Modern Spain (HU) (3)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G) (3)
SPA 434: Drama of the Golden Age (3)
SPA 456: 20th-Century Spanish American Fiction (3)
SPA 464: Jaitón Works in Chicano/a Literature ((HU or SB) & C) (3)
SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)
SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)
SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C) (3)
WST 457: Women, Cultures, and Societies (SB & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in Latin American studies; BA in social and cultural analysis (Latin American studies)

Other Enrollment Requirements: None

The minor in Latin American studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

This minor encourages cross-cultural exploration and students who pursue it are prepared for a global-minded career path, in fields as diverse as business and finance, arts and arts administration, education, nonprofit organizations, health care, the sciences, psychology, social sciences, sports, journalism, diplomacy, law enforcement and forensic science, ministry, technology, architecture and library science.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/latin-american-studies-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Materials Science and Engineering Minor (ESMSEMIN)

Campus: Tempe

Description:

The materials science and engineering minor is a program designed to give science and engineering majors an in-depth understanding of materials, including their structure, processing, properties and performance.

Program Requirements:

Students are required to take five courses and one lab (minimum of 16 credits), listed below:

Required Courses -- 12 credit hours
MSE 250: Structure and Properties of Materials (3)
MSE 355: Structure and Defects (3)
MSE 356: Thin Film and Microelectronic Devices Lab (https://webapp4.asu.edu/catalog/courselist?s=MSE&l=300-399&t=2227&hon=F" > MSE 3** Elective or   MSE 4** Elective (6)

Materials-related Lab Course -- 1 credit hours
(1)
MSE 451: Nanomaterials and Electronics Characterization Lab (1)

Materials-related Course -- 3 credit hours
BME 318: Biomaterials (4)
CEE 353: Civil Engineering Materials (4)
CHE 468: Polymer Principles and Processing (3)
CHM 471: Solid-State Chemistry (3)
EEE 352: Properties of Electronic Materials (4)
EEE 436: Fundamentals of Solid-State Devices (3)
PHY 481: Materials Physics I (https://webapp4.asu.edu/catalog/courselist?s=MSE&l=300-399&t=2227&hon=F" > MSE 3** Elective (3)
 MSE 4** Elective (3)
(3)

Prerequisite courses may be needed in order to complete the requirements of this minor.
Maintain 2.50 GPA in Minor Courses.

Enrollment Requirements:

GPA Requirement: 2.75

Incompatible Majors: BA in interdisciplinary studies with a concentration in materials science and engineering

Other Enrollment Requirements: Students must hold sophomore status to enroll in the materials science and engineering minor. To earn the minor, students must receive a minimum GPA of 2.50 (scale is 4.00 = "A") in all minor courses. Students adding the minor also need to complete MAT 265 (MAT 270), MAT 266 (MAT 271), MAT 267 (MAT 272), MAT 242 (MAT 342 or 343), and CHM 114 or CHM 113 and 116.

Interested students should consult with a School for Engineering of Matter, Transport and Energy advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should contact the SEMTE advising office at 480-965-2335 or semte@asu.edu (mailto:semte@asu.edu).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult with their major academic advisor to declare the minor after they have met with a SEMTE advisor to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Career Opportunities:
For engineering majors, a minor in materials science and engineering could open up career opportunities in nanotechnology, electronics, health care and sustainability and energy. For nonengineering majors, a minor in materials science and engineering can provide a foundation in sustainability, nanotechnology and materials physics.

Contact Information:
Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
https://semte.engineering.asu.edu/materials-science-and-engineering-bse/
ECG 202
semte@asu.edu
480-965-2335

Mathematics Minor (ASMATHMIN)
Campus: West

Description:
The minor program in mathematics explores the study of higher mathematics. It is designed to enable the student to understand the mathematics most commonly used in business, economics and science. It is expected that students in the minor will be able to reason and to find creative solutions to problems that are either presented to them or meaningfully formulated by them.

The program is offered by the School of Mathematical and Natural Sciences.

Program Requirements:
The minor in mathematics consists of 20 credit hours (a minimum of 12 credit hours must be upper division). A minimum of nine upper-division credit hours must be taken from the School of Mathematical and Natural Sciences. Elective courses not on this list should be approved by an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 14 credit hours
MAT 271: Calculus with Analytic Geometry II (MA) (4)
MAT 272: Calculus with Analytic Geometry III (MA) (4)
MAT 300: Mathematical Structures (L) (3)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

Upper-Division Electives -- 6 credit hours
MAT 310: Introduction to Geometry (3)
MAT 371: Advanced Calculus I (3)
MAT 411: History and Philosophy of Mathematics (HU & H) (3)
MAT 421: Applied Computational Methods (CS) (3)
MAT 443: Introduction to Abstract Algebra (3)
MAT 445: Theory of Numbers (3)
MAT 452: Introduction to Chaos and Nonlinear Dynamics (3)
MAT 461: Applied Complex Analysis (3)
MAT 462: Applied Partial Differential Equations (3)
MAT 472: Intermediate Real Analysis I (3)
MAT 494: Special Topics (1-4)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in applied mathematics

Other Enrollment Requirements: None

The minor in mathematics is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

The minor is recommended for students who plan to major in interdisciplinary arts and sciences, biology or business and for those who are preparing for further graduate study.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/mathematics-minor
FAB N100
mnsadvising@asu.edu
602-543-3000

Mathematics Minor (LAMATMIN)

Campus: Tempe

Description:

The minor in mathematics is designed for students who want to further their knowledge of mathematics. It is beneficial for students majoring in any field where there is a need for quantification in the analysis of information.

Program Requirements:

The minor in mathematics consists of a minimum of 18 credit hours, of which at least 12 must be upper division. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.

Required Courses -- 9 credit hours
A minimum of 9 credit hours is required. Students completing MAT 271 and MAT 272 will complete a total of 11 credit hours.

MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)
MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

Upper Division Electives -- 9 credit hours
In consultation with an academic advisor in the School of Mathematical and Statistical Sciences, students choose nine credit hours of upper-division coursework in any combination from ACT, DAT, MAT and STP subjects. Students complete at least three courses from these subjects.

 ACT OR   DAT OR   MAT OR   STP Upper Division Elective (9)

Students may not apply ACT 491, MAT 411, or MAT 485, or any course not offered by The College of Liberal Arts and Sciences to the minor, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences prior to registration.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics; BS in data science; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Mathematics is foundational and can be applied to many different types of careers. Math is a crucial part of engineering, life sciences, business, physics, economics and social sciences. These are just a few of the top careers possible with a minor in mathematics:

- cryptographer
- engineer
- financial analyst
- mathematician
- operations research analyst
- statistician
- teacher

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Media Analysis Minor (CSCMOMINA)

Campus: Downtown Phoenix, Online

Description:
The mass media play vital roles in how information is created and disseminated, and how societies and cultures evolve. In the media analysis minor, students learn to understand the roles media play, how they're changing and what impact they make. Students learn the tools they need to critically evaluate, analyze and interpret media messages in order to become wise consumers of media, and stronger communicators in their major fields.

Program Requirements:
The minor in media analysis consists of 18 credit hours of coursework: nine credits of MCO core courses and nine credits of MCO electives. To pursue the minor in media analysis, students must maintain a minimum 2.00 cumulative GPA, and obtain a minimum grade of "C" (2.00 on a 4.00 scale) in each course in the minor.

Required Courses -- 9 credit hours
MCO 120: Media and Society (SB) (3)
MCO 240: Media Issues in American Pop Culture (3)
MCO 418: History of Mass Communication (SB & H) (3)

Elective Courses -- 9 credit hours
MCO 302: Media Research Methods (3)
MCO 307: The Digital Audience (3)
MCO 335: Social Media (3)
MCO 366: Media Ethics and Diversity (3)
MCO 403: Media Law (3)
MCO 425: Digital Media Literacy I (3)
MCO 426: Digital Media Literacy II (3)
MCO 427: Misinformation and Society (3)
MCO 428: Digital Media and Freedom of Expression in the 21st Century (3)

MCO 430: International Mass Communication (G) (3)

MCO 431: Media Entrepreneurship (3)

MCO 450: Visual Communication (HU) (3)

MCO 456: Political Communication (SB) (3)

MCO 460: Race, Gender, and Media (C) (3)

MCO 465: Sports and Media (3)

MCO 470: Exploring the Business of Journalism (3)

MCO 494: Special Topics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in journalism and mass communication; BA in sports journalism and mass communication; BA in mass communications and media studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor or the Cronkite School advising department for more information: https://cronkite.asu.edu/advising/undergraduate/ (https://cronkite.asu.edu/advising/undergraduate/).

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

A minor can help students develop marketable communication skills, boosting their career options across their major field and advancing their understanding of how mass media functions. Students with a media analysis minor may pursue communications, engagement and strategy roles in their chosen fields; media facing roles in journalism and fact-checking; and other career opportunities in economics, finance and political organizations.

Contact Information:

Journalism and Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism and Mass Comm

https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/cscmomina/

CRONK 222

cronkiteadvising@asu.edu

602-496-5055

Medical Studies Minor (NHMESTMIN)

Campus: Downtown Phoenix, Polytechnic, West

Description:

The minor program in medical studies focuses on preparing students for employment in health care and clinical medicine, including in both direct and indirect patient care.

Students take coursework in historical aspects of medicine, ethics in health care, and leadership and professionalism. Students have the option of selecting an internship course that enhances the application of core concepts.

Program Requirements:

The minor requires a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 15 credit hours

HCD 303: Global Health Care Systems (G) (3)

HCD 330: Health Care Systems in the U.S. (3)

MED 300: Historical and Contemporary Issues in Health (L) (3)
MED 320: Applied Medical/Health Care Ethics (HU) (3)
MED 450: Leadership and Professionalism (3)

Elective Course (choose one) -- 3 credit hours
HCD 420: Population Health Management (3)
MED 484: Internship (3)
PBH 422: Health Disparities and Access to Health (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in medical studies; BS in science of health care delivery; BS in health sciences; BS in population health

Other Enrollment Requirements: Students must complete a minimum of 30 credit hours prior to adding the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The medical studies minor program provides students with the opportunity to acquire valuable skills in health care that can be implemented along with those developed in the major program in a variety of career settings. Some career opportunities include project coordinators, marketing, sales and research.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/medical-studies-0
HLTHS 444AA
chs@asu.edu
602-496-3300

Military Leadership Minor (LAMISMIN)
Campus: Tempe

Description:
The minor in military leadership is a program designed to enhance students' learning experience by providing tools that prepare them for leadership roles in various organizations. Students complete courses that cover academic and practical skills in many areas, including:

- effective communication
- leadership ethos
- negotiation
- problem-solving
- staff motivation and empowerment
- team-building

Program Requirements:
The minor in military leadership requires a minimum of 18 credit hours, 12 of which must be at the 300- or 400-level. Twelve credit hours must be taken in residence on an ASU campus. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.
Students choose the option befitting their chosen branch of the military. An option is also provided for non-ROTC students wishing to benefit from the skills and knowledge developed in the minor.

Branch Specific Options -- 18 credit hours
The branch-specific options for Army, Air Force and Navy require a minimum of 12 credit hours specific to the option, and six credit hours chosen from a list of approved electives. Students choosing the Marine option complete nine credit hours within the branch option courses and nine credit hours from the list of approved electives.

Army Option

MIS 301: Training Management and the Warfighting Functions (L) (4)

MIS 302: Applied Leadership in Small-Unit Operations (L) (4)

MIS 401: The Army Officer (4)

MIS 402: Company Grade Leadership (4)

Choose two additional courses from the list of Approved Electives below.

Air Force Option

AES 301: Air Force Leadership Studies I (L) AND AES 302: Leadership Laboratory (3)

AES 303: Air Force Leadership Studies II (L) AND AES 304: Leadership Laboratory (3)

AES 401: National Security Affairs (L) AND AES 402: Leadership Laboratory (3)

AES 403: Preparation for Active Duty II AND AES 404: Leadership Lab (3)

Choose two additional courses from the list of Approved Electives below.

Navy Option

NAV 301: Naval Ship Systems I (3)

NAV 302: Naval Ship Systems: Weapons (3)

NAV 401: Naval Operations and Seamanship (3)

NAV 402: Leadership and Ethics (3)

NAV 499: Individualized Instruction (3)

Choose two additional courses from the list of Approved Electives below.

Marine Option

NAV 303: Evolution of Warfare (3)

NAV 402: Leadership and Ethics (3)

NAV 403: Fundamentals of Maneuver Warfare (3)

Choose three additional courses from the list of Approved Electives below.

Non-ROTC Option -- 18 credit hours

The minor also offers an option designed for non-ROTC students desiring the training provided by the minor. Student in the non-ROTC option
complete three courses from this list of approved core courses and three courses selected from the list of Approved Electives.

Choose three courses from the following:

AES 301: Air Force Leadership Studies I (L) (3)

AES 303: Air Force Leadership Studies II (L) (3)

AES 401: National Security Affairs (L) (3)

AES 403: Preparation for Active Duty II (3)

MIS 301: Training Management and the Warfighting Functions (L) (4)

MIS 303: National Advanced Leadership Camp (4)

MIS 401: The Army Officer (4)

MIS 402: Company Grade Leadership (4)

NAV 301: Naval Ship Systems I (3)

NAV 302: Naval Ship Systems: Weapons (3)

NAV 303: Evolution of Warfare (3)

NAV 401: Naval Operations and Seamanship (3)

NAV 402: Leadership and Ethics (3)

NAV 403: Fundamentals of Maneuver Warfare (3)

Choose three additional courses from the list of Approved Electives below.

Approved Electives

Courses can only satisfy one requirement. No course used toward the branch-specific courses or the core courses for the non-ROTC option can be
repeated as an elective.

AES 101: Air Force Today I (2)

AES 103: Air Force Today II (2)

AES 201: The Evolution of USAF Air and Space Power I (2)

AES 203: The Evolution of USAF Air and Space Power II (2)

FAS 101: Personal Growth and Relationships (SB) (3)

FAS 331: Modern Family Relationships (SB) (3)

HST 372: Modern Middle East (SB & G & H) (3)

HST 408: Civil War and Reconstruction ((L or SB) & H) (3)

HST 456: The Vietnam War (SB & G & H) (3)

MIS 101: Introduction to the United States Army (4)

MIS 102: Foundation of Agile and Adaptive Leadership (4)

MIS 201: Army Leadership and Decision Making (4)

MIS 202: Army Doctrine and Team Development (4)
MIS 499: Individualized Instruction (3)
NAV 101: Introduction to Naval Science (3)
NAV 102: Sea Power and Maritime Affairs (3)
NAV 202: Navigation (3)
REL 100: Religions of the World (HU & G) (3)
REL 366: Islam in the Modern World (HU & G) (3)

Additional electives may be used with the prior approval of the department chair.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Other Enrollment Requirements: None

Students in the history or religious studies BA programs may not use HST or REL courses to meet the elective requirement for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The minor in military leadership provides students with the knowledge of the military as a profession, its purpose and capabilities in support of national defense. Students who complete the minor improve problem-solving abilities and enhance critical and creative thinking skills, and assists students pursuing careers in support of the Department of Defense.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Military Science
https://thecollege.asu.edu/degree/minor/minor-military-leadership-minor
SS 330
ArmyROTC@asu.edu
480-965-3318

Music Minor (FAMUSMIN)

Campus: Tempe, Online

Description:
The music minor is designed for students who are interested in a broad introduction to the study of music. The program allows for a diverse exposure to traditional through contemporary music practices, with numerous course options based on students' interests.

Program Requirements:
The School of Music offers a minor in music consisting of 24 credit hours of coursework, including a minimum of 12 upper-division credit hours. A minimum grade of "C" (2.00) is required in all courses.

Required Courses -- 12 credit hours
MHL 201: Media Literacy for Musicians (CS) (3)
MUS 100: Fundamentals of Music Notation (3)
MUS 131: Bach to Bebop (HU) or MUS 355: American Music (HU & C & H) (3)
Notes: Bach to Bebop is only offered in fall semesters.
MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) (3)

Music History -- 6 credit hours
MUS 131: Bach to Bebop (HU) or MUS 355: American Music (HU & C & H) (3)
Notes: Bach to Bebop is only offered in fall semesters.
MUS 347: Jazz in America (HU & C) (3)
MUS 356: Broadway and the American Musical (HU) (3)
MUS 410: History of Women in Music (HU & C & H) (3)

Music Electives -- 6 credit hours
MUS 354: Beatles (3)
MUS 354: Classic Rock: 1950-1975 (3)
MUS 354: Country Music (3)
MUS 354: Elvis (3)
MUS 354: Jazz Giants (3)
MUS 354: Rock Since 1975 (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
 MUS Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: All music majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor can help students enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a minor alone can provide.

Graduates with a minor in music have additional knowledge that can help them as they pursue careers in arts administration, teaching, fundraising management or marketing.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MUSIC E167
herbergeradvising@asu.edu
480-965-5069

Music Performance Minor (HIMUSPMIN)
Campus: Tempe

Description:
The minor program in music performance allows students with a background in playing an instrument or in singing to continue to develop their musicianship while pursuing their major studies.

The coursework includes individualized instruction and ensemble experience to develop the student's performance skills.

Program Requirements:
The minor requires 21 credit hours, of which 12 are upper division, in performance, history, theory and electives.
Students may transfer up to nine credit hours toward the minor.
Admission requirement: An audition is required for entrance into the minor and MUP 121 study. Audition criteria are determined by area faculty and will be similar to the MUP 111 and MUP 311 criteria found in the Audition Requirements section on this webpage (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Required Courses -- 6 credit hours
MUP 121: Studio Instruction (2)
Notes: Two semesters of MUP 121 are required.
MUP 321: Studio Instruction (1)
MUS 131: Bach to Bebop (HU) or MUS 355: American Music (HU & C & H) (3)

Ensembles - Three semesters of ensembles related to the primary instrument studied in the minor -- 3 credit hours
MUP 442: Orchestra Strings (1)
MUP 442: Philharmonia (1)
MUP 442: Wind Ensemble (1)
MUP 443: Chamber Singers (1)
MUP 443: Concert Choir (1)
MUP 444: Maroon and Gold Concert Bands (1)
MUP 450: Choral Union (1)
MUP 455: Arizona Statesmen (1)
MUP 457: Sol Singers (1)
MUP 458: ASU Gospel Choir (1)
MUP 459: Barrett Choir (1)
MUP 486: Concert Jazz Band (1)
MUP 486: Jazz Repertory Band (1)
MUP 486: Latin Jazz Ensemble (1)

Ensemble - Fourth semester of ensemble (may be unrelated to the primary instrument studied in the minor) -- 1 credit hours
MUP 441: Popular Music Ensemble (1)
MUP 485: Contemporary (1)
MUP 485: Jazz (1)
MUP 485: Percussion Ensemble (1)
MUP 485: Steel Band (1)
MUP 489: Ethnomusicology Ensembles (1)
MUP 489: Gamelan (1)
MUP 489: Hip Hop Ensemble (1)
MUP 489: Latin Marimba (1)
MUP 489: Mariachi (1)
MUP 489: World Percussion Ensemble (1)
MUS 294: Rock Band (1)

Music History -- 6 credit hours
MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) (3)
MUS 347: Jazz in America (HU & C) (3)
MUS 354: Classic Rock: 1950-1975 (3)
MUS 355: American Music (HU & C & H) (3)
MUS 356: Broadway and the American Musical (HU) (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
MUS 410: History of Women in Music (HU & C & H) (3)
MHL courses may be accepted if the appropriate prerequisites are met or with instructor approval.

Music Theory -- 3 credit hours
Students will take a theory diagnostic exam to determine placement in either MUS 100 or MTC 125.
MUS 100: Fundamentals of Music Notation or MTC 125: Basic Music Theory (3)

Music Electives -- 2 credit hours
 MHL OR   MUE OR   MUP OR   MUS OR   MTC OR   MSC Upper Division Elective (2)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: All music majors

Other Enrollment Requirements: Students must successfully complete an audition before the faculty in the applicable instrument area for entrance
into the program. Audition criteria and specific audition requirements are determined by area faculty and are similar to the MUP 111 and MUP 311

enrollment criteria for each instrument posted at https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions). Students interested in pursuing the performance minor should submit an application at https://musicdancetheatre.asu.edu/degree-programs/music-performance-minor (https://musicdancetheatre.asu.edu/degree-programs/music-performance-minor).

Advisors should not add the minor until the student presents a letter from the School of Music, Dance and Theatre Academic Affairs Office confirming that the student has successfully passed the audition.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in music performance have additional experience which can help them as they pursue careers in art administration, teaching and business.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Music Theatre Minor (HIMUTHRMIN)
Campus: Tempe

Description:
The minor program in music theatre allows students with a background, interest or passion in music theatre to continue their studies and further explore the craft.

Students develop skills through performance-based small group classes and private instruction, and coursework also includes the study of theoretical and historical elements of music and theatre.

Program Requirements:
The minor requires 24 hours (12 upper division) in performance, history, theory and electives.
Students may transfer up to nine credit hours toward the minor.
Admission requirement: An audition is required for entrance into the minor and MUP 121 study. Audition criteria are determined by area faculty and will be similar to the MUP 111 and MUP 311 criteria found in the Audition Requirements section on this webpage (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions).

Required Performance Courses -- 14 credit hours
MUP 121: Voice (2)
Notes: Two semesters of MUP 121 are required
MUP 170: Music Theatre I (2)
MUP 172: Music Theatre II (2)
MUP 321: Voice (1)
MUP 360: Musicianship for Singers (1)
MUP 374: Technical Production I (Foundations) (1)
MUP 374: Technical Production II (Practicum) (1)
MUP 451: Music Theatre Repertoire (2)
MUP 467: Music Theatre Dance Technique (2)
Notes: Two semesters of MUP 467 are required

Music History -- 3 credit hours
MUS 356: Broadway and the American Musical (HU) (3)

Music Theory -- 3 credit hours
MUS 100: Fundamentals of Music Notation or MTC 125: Basic Music Theory (3)

Students will take a theory diagnostic exam to determine placement in either MUS 100 or MTC 125.

Upper Division Music Elective -- 1 credit hours
MUP 321: Studio Instruction (1)
MUP 373: Music Theatre Performance and Production (1)
MUP 471: Audition Training (Musical Theatre) (1)
MUS 355: American Music (HU & C & H) (3)
THE 322: Theatre History and Culture (HU & H) (3)

Music Electives -- 3 credit hours
MUP 270: Music Theatre III (2)
MUP 272: Music Theatre IV (2)
MUP 321: Voice (1)
MUP 373: Music Theatre Performance and Production (1)
MUP 471: Audition Training (Musical Theatre) (1)
MUS 131: Bach to Bebop (HU) (3)
MUS 355: American Music (HU & C & H) (3)
THE 322: Theatre History and Culture (HU & H) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BMUS in performance with a concentration in music theatre

Other Enrollment Requirements: An audition for music theatre is required for entrance into the minor or BIS concentration and MUP 121 and MUP 170 study. Audition criteria are determined by area faculty.

Audition repertoire can be found on this School of Music, Dance and Theatre website: https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions (https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions). Students interested in pursuing the music theatre minor should submit an application at https://musicdancetheatre.asu.edu/degree-programs/music-theatre-minor (https://musicdancetheatre.asu.edu/degree-programs/music-theatre-minor).

Advisors should not add the minor until the student presents an acceptance letter from the School of Music, Dance and Theatre Academic Affairs Office confirming that the student has successfully passed the audition.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in music theatre have additional expertise which can help them as they pursue careers in arts administration, acting, performance or teaching.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Nonprofit Leadership and Management Minor (PPNLMMIN)
Campus: Downtown Phoenix

Description:

The minor program in nonprofit leadership and management empowers students to positively impact the community in which they work. The nonprofit sector in the U.S. is unique in form and function, with more than 1.6 million organizations in the U.S.

This program is ideal for ASU students who wish to earn a minor that concentrates on the management of nonprofit organizations. Coursework introduces students to the knowledge and skills required for successful professional careers with nonprofit, social sector organizations that exist to improve the quality of life of communities.

Students from various disciplines such as business, communication, education, global studies, museum studies, nursing, public affairs, religious studies, social work and sustainability find this program a beneficial supplement to their existing program as many find that the career pathways from their degree occur within nonprofit organization forms.

This program affords students the opportunity to earn the National Certified Nonprofit Professional credential awarded through the Nonprofit Leadership Alliance; https://www.nonprofitleadershipalliance.org/credential/ (https://www.nonprofitleadershipalliance.org/credential/). Students seeking more information about completing the CNP credential and requirements should refer to the school website.

Program Requirements:

The minor requires 18 credit hours: 12 credit hours of required core courses and six credit hours of elective courses.

Required Core Courses -- 12 credit hours
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 300: Fund Raising and Resource Development (3)
NLM 310: Volunteer Management (3)
NLM 430: Managing Nonprofit Organizations (L) (3)

Elective Courses -- 6 credit hours
Choose six credit hours from either Block A or Block B (6)

Block A - choose this block if interested in the CNP credential
Choosing Block A will help you earn the CNP credential. Please review https://www.certifiedtochangetheworld.org/ (https://www.certifiedtochangetheworld.org/) for more information.

NLM 320: Professional Development Seminar (4)
Notes: This seminar is one credit hour taken for four semesters.
NLM 420: Nonprofit Leadership Alliance Institute (2)
Notes: Offered fall semester only

Block B - choose two courses if interested in minor only, without CNP credential
NLM 160: Voluntary Action and Community Leadership (SB) (3)
NLM 380: Financial Management for Nonprofit Organizations (3)
NLM 435: Service Learning for Community Development (3)
PRM 145: Special Events Management (3)

Standards
1. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor.
2. 15 credit hours of graded classroom coursework (no internship, no independent study).
3. students should be a junior to take 400-level classes.
4. no double counting of courses for both a major and the minor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in nonprofit leadership and management, including the American Indian studies concentration

Students pursuing the nonprofit leadership and management bachelor's degree may earn the certified nonprofit professional credential along with their major upon successfully completing both curricular and cocurricular requirements. (Students should see an advisor for details.)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Career Opportunities:
Graduates with a nonprofit leadership and management minor find opportunities in diverse settings involving a wide range of missions, including arts and culture, environmental, health, youth development, etc. Some graduates find employment with local, grassroots, direct-service nonprofits while others find work with grant-making foundations.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Nutrition and Healthy Living Minor (NUNHLMIN)
Campus: Downtown Phoenix

Description:
The nutrition and healthy living minor program provides students with a greater understanding of how nutrition contributes to healthy lifestyles and disease prevention.

Students have the opportunity to mix and match classes to their interests, such as the history and cultural aspects of food, counseling and communication in different mediums, sports nutrition and nutrition in the community.

Program Requirements:
The minor requires a total of 18 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for each course in the minor.
Many courses in this minor require CHM 101 (or CHM 113) as a prerequisite. Please ensure all prerequisites are met when planning this minor.
Not all of the minor elective course options are available to ASU Online students.

Required Courses -- 9 credit hours
NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)
NTR 345: Development of Healthy Cuisines (3)
NTR 450: Nutrition in the Life Cycle (SB) or HSC 355: Eating for Lifelong Health (SB) (3)

Upper-Division Electives (select three courses) -- 9 credit hours
NTR 320: History of Human Nutrition (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 350: Nutrition Counseling (3)
NTR 351: Nutrition Communication (L) (3)
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)
NTR 448: Community Nutrition (L) (3)
NTR 453: Nutrition and the Media (3)
NTR 457: Sports Nutrition (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in dietetics, BS in food and nutrition entrepreneurship; BS in health sciences (healthy lifestyles and fitness science); BAS in food and nutrition entrepreneurship; BS in nutritional science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in nutrition and healthy living have a basic understanding of nutrition needs through the lifecycle and how to put that knowledge to use in the community, which is of benefit to a career in public health, the medical field or in workplace wellness.

Many graduates participate in activities like these:

- coaching people of all ages with health and nutrition concerns
- conducting academic research
- developing and preparing recipes that meet nutritional guidelines
- informing the community about food through various platforms including social media and written word

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/nutrition-and-healthy-living
HLTHN 401AA
chs@asu.edu
602-496-3300

Organizational Leadership Minor (LSORGLMIN)

Campus: Polytechnic, Online

Description:

The minor program in organizational leadership uses interdisciplinary methods that prepare students to become leaders in organizations. Students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies within organizations.

Program Requirements:

The minor in organizational leadership requires 18 credit hours, including a minimum of 12 upper-division credit hours.

Required Courses -- 9 credit hours
OGL 200: Introduction to Organizational Leadership (SB) (3)
OGL 340: Special Topics (6)
Notes: This course is taken two times with two separate topics.

Electives (choose three courses, including a minimum of six upper-division credit hours) -- 9 credit hours
OGL 220: Behavioral Dynamics in Organizations (SB) (3)
OGL 260: Resource Allocation in Organizations (3)
OGL 300: Theory and Practice of Leadership (3)
OGL 340: Special Topics (3)
OGL 343: Social Processes in Organizations (SB) (3)
OGL 345: Organizational Ethics (HU) (3)
OGL 350: Diversity and Organizations (L & C) (3)
OGL 355: Leading Organizational Innovation and Change (3)
OGL 357: Assessment in Organizations (3)
OGL 360: Assessment of Leadership Effectiveness (3)
OGL 365: Special Topics (3)
PMG 320: Foundations of Project Management (3)
PMG 321: Project Leadership, Strategy and Scope (3)

Any topic can be utilized within the OGL 340 and OGL 365 courses. Students may enroll in up to 15 credit hours of OGL 340 or OGL 365 topics courses to meet the requirements of the minor. Topics cannot be repeated.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (applied leadership); BA in organizational leadership; BA in organizational leadership (project management); BAS in project management.

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in organizational leadership can help students with communication and cultural competency skills as they pursue careers in organizational behavior, organizational leadership, management and others.

Graduates of the program are prepared for a range of positions in government, health care administration, nonprofit agencies and the service industry.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
USE 138
CISA@asu.edu
480-965-4464

Parks and Protected Area Management Minor (PPPRMMINT)

Campus: Downtown Phoenix

Description:

As the world continues to develop and urbanize, the demands and pressures on public lands and natural resources continue to grow. The minor program in parks and protected area management introduces students to the role of these community resources, with a focus on the unique issues faced by urban-proximate natural areas.

Understanding how to balance growing societies with natural resources is key to a sustainable future.

Program Requirements:

Completion of a parks and protected area management minor in the School of Community Resources and Development requires the following:

Required Core Courses -- 12 credit hours
PRM 120: Leisure and the Quality of Life (SB) (3)
PRM 370: Public Lands Management (3)
Notes: Offered fall semester only
PRM 380: Wilderness and Parks in America (SB & H) (3)
TDM 480: Sustainable Tourism (3)

Elective Course (choose one) -- 3 credit hours
CRD 301: Sustainable Communities (3)
PRM 340: Outdoor Survival (3)
Notes: Offered fall semester only

PRM 470: Environmental Communication (3)
Notes: Offered spring semester only
TDM 448: Heritage and Cultural Tourism (3)
TDM 494: Special Topics (3)

Standards
1. 15 hours of graded classroom coursework (no internship, no independent study)
2. 12 hours of coursework at the upper-division level, from the approved list
3. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor
4. no double counting of courses for a major and the minor
5. should be a junior to take 400-level courses
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management (all concentrations); BS in recreation therapy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in parks and protected area management can find opportunities in diverse settings involving a wide range of organizations, including recreation, environmental and youth development.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Personal Health Minor (NHPHLMIN)
Campus: Downtown Phoenix, Online

Description:
The personal health minor allows students with academic interests that lie outside the realm of medical and health sciences to explore and learn the latest information related to healthy lifestyles, including the attainment and retention of high-quality personal health.

The program reflects the transdisciplinary nature of personal health by including courses from the fields of nutrition, exercise science and health sciences and health promotion. Students gain the knowledge and skills necessary to optimize their personal health and assume increased responsibility to move toward improved overall wellness.

Program Requirements:
A total of 18 credit hours are required for the minor. A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses.

Required Courses -- 12 credit hours
EXW 325: Fitness for Life (3)
HEP 380: Body Image and Wellness (3)
HSC 355: Eating for Lifelong Health (SB) or NTR 450: Nutrition in the Life Cycle (SB) (3)
NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)

Elective Courses -- 6 credit hours
EXW 302: Fundamentals of Wellness (L) (3)

EXW 335: Physical Activity and Physiological Concepts (3)
EXW 400: Stress Management for Wellness (3)
HEP 350: Substance Abuse and Addictive Behavior (3)
HEP 361: Social Media and Marketing for Health (3)
HEP 443: Emotional Health and Interpersonal Relationships (3)
NTR 345: Development of Healthy Cuisines (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 453: Nutrition and the Media (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in dietetics; BS in food and nutrition entrepreneurship; BS in nutritional science; BS in exercise and wellness; BS in health education and health promotion; BS in health sciences (healthy lifestyles and fitness science); BAS in food and nutrition entrepreneurship

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor in personal health provides students with skills in many areas of exercise, nutrition and emotional health which can enhance the marketable skills they acquire in their major program. Graduates can pursue careers in workplace wellness, the medical field or public health, among many other career options, though most career areas do require more training than a minor alone can provide.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/personal-health
HLTHN 401AA
chs@asu.edu
602-496-3300

Pharmacology and Toxicology Minor (ASPTXMIN)
Campus: West

Description:
A minor in pharmacology and toxicology provides students with biology and chemistry courses to help prepare them to explore how chemicals (drugs and environmental toxicants) affect living organisms.

Students learn to identify chemical characteristics leading to beneficial and adverse effects, describe how chemicals are evaluated for regulatory purposes, and summarize holistically how drugs and toxicants elicit their effects.

Program Requirements:
The minor in pharmacology and toxicology consists of 20 credit hours. A minimum of 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required -- 14 credit hours
BCH 371: Modern Concepts in Biochemistry (3)
BIO 182: General Biology II (SG) (4)
CHM 116: General Chemistry II (SQ) (4)

PTX 301: Basics of Pharmacology and Toxicology (3)

Upper-Division Electives (choose two courses) -- 6 credit hours
PTX 401 / FOR 401: Forensic Toxicology (3)
PTX 432 / LSC 432: Fundamentals of Pharmacology (3)
PTX 475 / FOR 475 / LSC 475: Principles of Toxicology (3)
PTX 499: Individualized Instruction (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in pharmacology and toxicology, BS in biology (pharmacology/toxicology)

Other Enrollment Requirements: The following prerequisite courses do not count toward the minor, but may be needed in order to complete the requirements of the minor:

BIO 181 General Biology I
BIO 353 Cell Biology
CHM 113 General Chemistry I
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II
LSC 347 Fundamentals of Genetics

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Relevant career paths include the pharmaceutical industry, regulatory fields such as environmental risk assessment, and graduate programs in public health, pharmacology, toxicology or environmental health sciences.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/programs/minor/pharmacology-and-toxicology
FAB N100
mnsadvising@asu.edu
602-543-3000

Philosophy Minor (ASPHIMIN)
Campus: West

Description:
The minor program in philosophy provides students with an understanding of central philosophical issues, problems and ideas; a capacity for critical thinking and analytic reasoning; and the ability to present one's positions effectively through oral and written communication.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:
The minor in philosophy consists of 18 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Students pursuing this minor will work with an academic advisor to choose and complete six courses from the list below or from the PHI subject area. Credit hours may not be shared between major and minor requirements. Six hours maximum of PHI/REL 484 and/or PHI/REL 499 may apply. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Course List (minimum 12 upper-division credit hours) -- 18 credit hours
ENG 401: Topics in Critical Theory (3)

IAS 340 / PHI 320: Bioethics (HU) (3)

IAS 406 / PHI 406: Moral Dilemmas (L or HU) (3)

IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)

IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)

IAS 410: Evolution of Ideas (L or HU) (3)

IAS 430: Science and Religion (L or HU) (3)

IAS 450 / PHI 450 / REL 450: Philosophical and Spiritual Issues in Death and Dying (3)

PHI 101: Introduction to Philosophy (HU) (3)

PHI 103: Principles of Sound Reasoning (L or HU) (3)

PHI 303 / REL 300: The Future of Religions (L or HU) (3)

PHI 304: Existentialism (HU) (3)

PHI 306: Applied Ethics (HU) (3)

PHI 311: Philosophy and Literature (HU) (3)

PHI 318: Philosophy of Religion (HU) (3)

PHI 339: Philosophy of Art (HU) (3)

PHI 360: Business and Professional Ethics (HU) (3)

PHI 391 / REL 391: Historical Perspectives on Philosophy and Religion (3)

PHI 408: Feminist Ethics (HU) (3)

PHI 411: Continental Philosophy (HU) (3)

PHI 412: Philosophy and Literary Criticism (HU) (3)

PHI 415: Philosophy and Film (HU) (3)

PHI 439: Philosophy of Love and Sex (HU) (3)

PHI 484 / REL 484: Internship (3)

PHI 494 / REL 494: Special Topics (3)

PHI 499: Individualized Instruction or REL 499: Individualized Instruction (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in philosophy is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Graduates who have completed the minor in philosophy have critical thinking and strong communication skills essential to success in health care, law, public service, journalism, business and education. The minor program provides ideal preparation for careers in a wide range of careers, including:

- entrepreneur
- intelligence analyst
- lawyer
- medicine
- minister
- paralegal
- politician
- real estate agent
- teacher or professor
- writer

Contact Information:

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

Philosophy Minor (LAPHIMIN)

Campus: Tempe, Online

Description:

The minor in philosophy provides students with an understanding of philosophical inquiry and method. The program offers an introduction to central themes both in the history of philosophy and in the current literature. Students in this minor have the opportunity to sharpen their critical-reasoning skills while addressing profound questions regarding the nature of:

- existence
- knowledge
- law
- morality
- politics
- science

Program Requirements:

The minor in philosophy consists of 18 credit hours, of which at least 12 must be upper division. At least six upper-division credit hours must be in courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or higher.

The minor in philosophy is also available to complement the studies of ASU Online students. Certain course selections below are offered as oCourses to accommodate ASU Online students.

Subdisciplinary Electives -- 18 credit hours
Subdisciplinary Elective (6)
Upper Division Subdisciplinary Elective (12)

Available subdisciplines are epistemology, ethics and political philosophy, history of philosophy, logic, and metaphysics. Students choose courses from the philosophical subdiscipline lists, with no more than two courses from any single track. Courses in the "other" list cover multiple subdisciplines and students may apply these courses within the minor without limit. Students should consult with an academic advisor in the School of Historical, Philosophical and Religious Studies about a proposed selection of courses before enrolling.

Epistemology
PHI 313: Probability, Evidence, and Decision (3)
PHI 314: Philosophy of Science (HU) (3)
PHI 325: Philosophy of Social Science (HU or SB) (3)
PHI 330: Theory of Knowledge (HU) (3)

Ethics and Political Philosophy
PHI 105: Intro to Ethics (HU) (3)
PHI 107: Introduction to Philosophy of Sex and Love (HU) (3)
PHI 120: Introduction to Medical and Bioethics (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 310: Environmental Ethics (HU) (3)
PHI 320: Bioethics (HU) (3)
PHI 324: Existential Ethics (HU) (3)
PHI 326: Philosophy of Happiness (HU) (3)
PHI 335: History of Ethics (HU) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 337: Ethical Theory (HU) (3)
PHI 338: Metaethics (3)
PHI 347: Philosophical Theories of Constitutional Law (3)
PHI 360: Business and Professional Ethics (HU) (3)
PHI 370: Sports Ethics (HU) (3)
PHI 405: Moral Psychology (3)
PHI 406: Moral Dilemmas (L or HU) (3)
PHI 408: Feminist Ethics (HU) (3)
PHI 409: Eco-Community Ethics (HU) (3)

History of Philosophy
PHI 304: Existentialism (HU) (3)
PHI 328: History of Ancient Philosophy (HU & H) (3)
PHI 329: History of Modern Philosophy (HU & H) (3)
PHI 401: Rationalism (3)
PHI 402: Empiricism (HU) (3)
PHI 403: Contemporary Analytic Philosophy (HU) (3)

Logic
PHI 103: Principles of Sound Reasoning (L or HU) (3)
PHI 333: Symbolic Logic (3)
PHI 413: Advanced Symbolic Logic (3)

Metaphysics
PHI 318: Philosophy of Religion (HU) (3)
PHI 331: Philosophy of Language (HU) (3)
PHI 332: Metaphysics (HU) (3)
PHI 334: Philosophy of Mind (HU) (3)

Other
PHI 101: Introduction to Philosophy (HU) (3)
PHI 311: Philosophy and Literature (HU) (3)
PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)
PHI 322: History and Philosophy of Sustainability (3)
PHI 339: Philosophy of Art (HU) (3)
PHI 390: Jewish Philosophy (3)
PHI 391: Historical Perspectives on Philosophy and Religion (3)
PHI 417: Philosophy of Censorship (L or HU) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in philosophy; BA in philosophy (morality, politics and law); BA in philosophy (science, nature and mind)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor can help students demonstrate marketable skills that complement their major program. A minor in philosophy is of benefit in a wide range of careers in fields that value analytical and reasoning skills and, in particular, strong communication and writing skills. Students often pursue fields such as business law, politics, medicine and education.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Physics Minor (LAPHYMIN)

Campus: Tempe, Online

Description:

The physics minor provides students with the fundamental concepts of physics beyond the introductory level. Through rigorous hands-on experience, students deepen their understanding of foundational concepts and develop their quantitative skills.

Students can tailor the minor through upper-division electives to enhance their career outlook.

Program Requirements:

The minor in physics requires a minimum of 24 credit hours, at least 12 of which must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) or PHY 150: Physics I (SQ) (4)
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) or PHY 151: Physics II (SQ) (4)
PHY 252: Physics III (SQ) or PHY 241: University Physics III AND PHY 202: Programming for Physicists (4)

Electives -- 12 credit hours
Choose one of the following options for the remaining required coursework. (12-15)

Option 1
PHY 361: Introductory Modern Physics (3)
PHY 333: Electronic Circuits and Measurements or PHY 334: Advanced Laboratory I (L) (3)
PHY 201: Mathematical Methods in Physics I (CS) (https://webapp4.asu.edu/catalog/courselist?s=PHY&l=upperdivision&t=2227&hon=F" > PHY Upper Division Elective (6)

Option 2
PHY 201 and PHY 302 are required.
(3)
PHY 302: Mathematical Methods in Physics II (3)

Select nine additional credit hours (three courses) from the below list.
PHY 310: Classical Particles, Fields, and Matter I (3)
PHY 311: Classical Particles, Fields, and Matter II (3)
PHY 314: Quantum Physics I (3)
PHY 315: Quantum Physics II (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in applied physics; BS in biophysics; BA and BS in physics; BS in physics (secondary education)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in physics have additional analytical and problem-solving skills which are of benefit as they pursue careers in technical fields.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Physics
https://thecollege.asu.edu/degree/minor/minor-physics-minor
PSF 470
physics.undergrad@asu.edu
480-965-3561

Physics Minor (LSPHYMIN)

Campus: Polytechnic

Description:
The physics minor program provides a rigorous foundation in physics with an emphasis on fundamental concepts and applied hands-on experience. The program broadens and deepens a student's understanding of the field and increases options for employment and graduate study.

The primary emphasis of the physics minor is to give students experience through applied and computational physics projects. The projects are guided by faculty with expertise in the physics of semiconductors and graphene, quantum nano-optics, laser physics and materials science.

The program is offered by the College of Integrative Sciences and Arts at the Polytechnic campus.

Program Requirements:
The minor in physics requires 23 credit hours, including a minimum of 12 upper-division credit hours. A minimum of six upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 17 credit hours
PHY 121: University Physics I: Mechanics (SQ) (3)
PHY 122: University Physics Laboratory I (SQ) (1)
PHY 131: University Physics II: Electricity and Magnetism (SQ) (3)
PHY 132: University Physics Laboratory II (SQ) (1)
PHY 314: Quantum Physics I (3)
PHY 321: Vector Mechanics and Vibration (3)
PHY 499: Individualized Instruction (3)

Electives (choose two) -- 6 credit hours
PHY 201: Mathematical Methods in Physics I (CS) (3)
PHY 302: Mathematical Methods in Physics II (3)
PHY 331: Principles of Modern Electromagnetism (3)
PHY 361: Introductory Modern Physics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00 or higher

Incompatible Majors: BA or BS in physics

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in physics can help students expand analytical skills as they pursue careers in engineering, postsecondary education or

mechanical design.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Political Science Minor (ASPOLMIN)

Campus: West

Description:

The minor program in political science helps students gain an understanding of theory, practice and policy underlying local, national and international political processes and trains students in the research skills necessary for the analysis of complex local and global sociopolitical issues.

Students engage in a flexible program of learner-centered coursework in political theory, American political institutions, and international relations and world affairs. The curriculum focuses on international urban, race or ethnic sociopolitical areas and internships and service-learning or action research opportunities. Under the direction of faculty, students focus on intellectual and concrete policy issues in the greater Phoenix metropolitan area, Arizona, the Arizona-Mexico borderlands, the Americas, and the world.

The degree is offered by the School of Social and Behavioral Sciences.

Program Requirements:

The minor in political science consists of 18 credit hours, requiring a minimum of 12 upper-division credit hours. A minimum of six upper-division credit hours must be completed through courses offered by the School of Social and Behavioral Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Courses (choose two) -- 6 credit hours
POS 110: American Government and Politics (SB) (3)
POS 150: Comparative Government (SB & G) (3)
POS 160: Global Politics (SB & G) (3)
POS 210: Political Ideologies (SB) (3)

Research Methods (choose one) -- 3 credit hours
SBS 302: Qualitative Methods (3)
SBS 303: Quantitative Methods (3)
SBS 304: Social Statistics I (CS) (3)

Upper-Division Interdisciplinary Track -- 9 credit hours
Choose one course from each of three upper-division Interdisciplinary Tracks.

Upper-Division Social Justice and Inequality Interdisciplinary Track -- 3 credit hours
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)
HST 441 / LAS 441: Latin America and the World Economy (L & G & H) (3)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)
POS 342: Political Theory (HU or SB) (3)
POS 446: Democracy (HU) (3)
POS 480 / SBS 480: Global Justice (G) (3)
POS 494: Everyday Forms of Political Resistance (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)
SOC 331: Environmental Sociology (SB & G) (3)
SOC 352: Social Change (SB & G & H) (3)
SOC 426: Social Inequalities (SB) (3)

Upper-Division Law, Citizenship, Borders Interdisciplinary Track -- 3 credit hours
ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
POS 310: American National Government (SB) (3)

POS 360: World Politics (SB & G) (3)

POS 361: American Foreign Policy (SB & G) (3)

POS 446: Democracy (HU) (3)

POS 465: International Organization and Law (SB & G) (3)

POS 480 / SBS 480: Global Justice (G) (3)

Upper-Division Identity and Place Interdisciplinary Track -- 3 credit hours

ETH 430 / LAS 430 / WST 430: Gender on the Borderlands (SB & G) (3)

ETH 433 / WST 433: Race and Sexualities in Social Justice Movements (3)

ETH 473 / LAS 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

HST 376 / LAS 376: Modern Latin America (SB & G & H) (3)

POS 350: Comparative Politics (SB & G) (3)

POS 357: South Asia Politics (SB & G) (3)

POS 361: American Foreign Policy (SB & G) (3)

POS 437 / SOC 437: Women, Power, and Politics (G) (3)

WST 428: Gender, Madness and Justice (SB) (3)

Credit is only granted for POS 110 or POS 310.

Credit is only granted for POS 160 or POS 360.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA or BS in political science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal government. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many use the degree as a gateway to law school or as basis for graduate work in professional schools or in applied fields such as:

- community development
- political science
- public administration
- public policy
- social science disciplines
- urban affairs and urban and regional planning

Contact Information:

Interdisciplinary Arts and Sciences, New College of

School of Social and Behavioral Sciences

https://newcollege.asu.edu/political-science-minor

FAB N100

sbsadvising@asu.edu

602-543-3000

Political Science Minor (LAPOSMIN)

Campus: Tempe, Online

Description:

The minor program in political science offers students exposure to the skills and knowledge that help them participate effectively as citizens in a democratic political system and flourish in the rapidly developing globalization of the world's political institutions, cultures and economies.

The program provides students with an introduction to the tools and skills necessary to link theory with real-world problems and issues.

Courses in constitutional law or covering the U.S. Supreme Court as part of the minor can benefit those interested in law school.

Program Requirements:
The minor in political science consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.

Required Courses (choose two) -- 6 credit hours
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) (3)
POS 150: Comparative Government (SB & G) (3)
POS 160: Global Politics (SB & G) (3)
POS 210: Political Ideologies (SB) (3)

Electives -- 12 credit hours
 POS Upper Division Elective (12)

No more than three credit hours of POS 484 Internship and three credit hours of POS 499 Individualized Instruction may be applied to the minor. Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA and BS in political science, BS in politics and the economy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in political science can benefit graduates as they pursue careers in government, public policy, advocacy or international relations.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Project Management Minor (LSPROMAMIN)
Campus: Polytechnic, Tempe, Online

Description:
The minor in project management prepares students to manage complex projects and lead project management teams in a variety of professional settings. The project management minor complements many majors at ASU because project management skills enhance and enrich the skills students acquire from a variety of majors.

Students learn the skills needed to manage complex projects in fields like engineering, business, health care, information technology, sustainability, computing, public and nonprofit sectors and many more. Students learn skills in project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Program Requirements:
The minor in project management requires 18 credit hours, including a minimum of 12 upper-division credit hours.

Required Core Courses -- 6 credit hours
PMG 320: Foundations of Project Management (3)
PMG 321: Project Leadership, Strategy and Scope (3)

Electives (choose four) -- 12 credit hours
PMG 322: Project Time Management (3)
PMG 323: Project Cost Management (3)
PMG 324: Resources in Project Management (3)
PMG 326: Project Procurement Management (3)
PMG 421: Project Risk Management (3)
PMG 422: Project Quality Management (3)

PMG 320 is needed as a prerequisite for all 300-level minor courses and PMG 321 is required for all 400-level minor courses.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00 (university minimum)

Incompatible Majors: BA in organizational leadership (project management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in project management can help students with leadership skills, communication, problem-solving, assessment, effectiveness and cultural competency skills as they pursue careers in account management, facilities management, project management and senior leadership roles. Employers in many fields seek to hire and promote those who can skillfully manage complex projects and lead project management teams.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
USE 138
CISA@asu.edu
480-965-4464

Psychology Minor (ASPGSMIN)
Campus: West, Online

Description:
The minor program in psychology provides students with the opportunity to study the scientific nature of the behavior and mental processes of

individuals and groups.

The study of psychology includes basic and applied courses in the subfields of clinical, developmental, organizational, cross-cultural and social psychology, cognitive systems and behavioral neuroscience, and this program emphasizes the development of wide-ranging skills in critical thinking and reasoning, quantitative and qualitative research methods, working collaboratively on teams and presentation of information in oral and written form.

The psychology minor prepares students for more advanced study in psychology at the graduate level, in either graduate or professional schools.

Program Requirements:
The minor in psychology consists of 22 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six credit hours must be taken from the School of Social and Behavioral Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Foundations of Psychological Science -- 10 credit hours
PSY 101: Introduction to Psychology (SB) (3)
PSY 230: Introduction to Statistics (CS) (3)
PSY 290: Research Methods (L or SG) (4)

Upper-Division Social/Developmental Focus Area -- 3 credit hours
PSY 315: Personality Theory and Research (SB) (3)
PSY 341: Developmental Psychology (SB) (3)
PSY 350: Social Psychology (SB) (3)
PSY 366: Abnormal Psychology (SB) (3)
PSY 443: Abnormal Child Psychology (L or SB) (3)

Upper-Division Cognitive Science Focus Area -- 6 credit hours
PSY 320: Learning and Motivation (3)
PSY 323: Sensation and Perception (3)
PSY 324: Memory and Cognition (3)
PSY 325: Physiological Psychology (3)
PSY 330: Statistical Methods (CS) (3)
PSY 360: Cognitive Science (3)
PSY 369: Biology of Human Sexuality (3)
PSY 470: Psychopharmacology (3)

Upper-Division Psychology Elective Course -- 3 credit hours
 PSY Upper Division Elective (3)
Notes: Experiential coursework (PSY 384, 399, 484, 493, or 499) may be used to fulfill the Upper Division Psychology Elective requirement. PSY 492 does not apply.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations)

Other Enrollment Requirements: None

The minor in psychology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor in psychology is a strong addition to any major and prepares students for careers in diverse areas such as education, government, business and industry, health care and social services.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/psychology-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology Minor (LAPGSMIN)
Campus: Tempe

Description:
The minor program in psychology focuses on appreciating and understanding the human condition from a scientific, psychological point of view.

Students who complete the minor in psychology possess a breadth of knowledge across may areas of psychology. They are able to use basic research and quantitative methods to gather and synthesize psychological findings. Ultimately, they come to understand the relevance and applicability of psychological principles, approaches and findings to individual, group and social issues. In doing so, they are prepared to pursue productive careers and engage on a daily basis with the increasingly complex, information-rich world.

Program Requirements:
The minor in psychology consists of completing 22 credit hours of coursework in the foundations of psychology and the breadth within psychology categories described below. Twelve credit hours must be completed at the upper-division level, of which at least six credit hours must be completed in courses offered by The College of Liberal Arts and Sciences Department of Psychology. All courses for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 10 credit hours
PSY 101: Introduction to Psychology (SB) (3)
PSY 230: Introduction to Statistics (CS) (3)
PSY 290: Research Methods (L or SG) (4)

Minor Electives -- 12 credit hours
Take one course from four of the following five breadth areas: Biological, Cognitive/Learning, Developmental, Personality/Mental Health, and Social.
Breadth Area Elective (12)

Biological Breadth
PSY 325: Physiological Psychology (3)

Cognitive/Learning Breadth
PSY 320: Learning and Motivation (3)
PSY 323: Sensation and Perception (3)
PSY 324: Memory and Cognition (3)

Developmental Breadth
PSY 341: Developmental Psychology (SB) (3)

Personality/Mental Health Breadth
PSY 315: Personality Theory and Research (SB) (3)
PSY 366: Abnormal Psychology (SB) (3)

Social Breadth
PSY 350: Social Psychology (SB) (3)
PSY 351: Honors Social Psychology (L or SB) (3)

If a non-psychology statistics course is approved by the psychology department to substitute for PSY 230 Introduction to Statistics, an additional psychology course must be taken to complete the 22 credit hours of required psychology coursework. Internship credit, research credit, and teaching assistant credit may not be used to satisfy this requirement. For more information, please contact a psychology advisor.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in psychology are knowledgeable in the complexities of human behavior and interpersonal skills, of benefit as they pursue careers in human resources, management or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
Department of Psychology
https://psychology.asu.edu/
PSY 202
psych.advisor@asu.edu
480-965-7258

Psychology Minor (LSPGSMIN)

Campus: Polytechnic

Description:
Psychology is the scientific study of mind and behavior. The psychology minor emphasizes the development of wide-ranging skills in critical thinking and reasoning, research methods, working collaboratively on teams and presenting information in oral and written form. The psychology minor adds value to students' major degrees through knowledge of concepts, theories and empirical research in mental processes and behavior.

Program Requirements:
This minor requires 22 credit hours. At least six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts.

Required Courses -- 10 credit hours
PSY 101: Introduction to Psychology (SB) (3)
PSY 230: Introduction to Statistics (CS) (3)
PSY 290: Research Methods (L or SG) (4)

Electives (choose four) -- 12 credit hours
PSY 304: Effective Thinking (L) (3)
PSY 306: Environmental Psychology (SB) (3)
PSY 315: Personality Theory and Research (SB) (3)
PSY 320: Learning and Motivation (3)
PSY 323: Sensation and Perception (3)
PSY 324: Memory and Cognition (3)
PSY 341: Developmental Psychology (SB) (3)
PSY 350: Social Psychology (SB) (3)
PSY 366: Abnormal Psychology (SB) (3)
PSY 369: Biology of Human Sexuality (3)
PSY 385: Psychology of Gender (SB) (3)
PSY 425: Biological Bases of Behavior (L) (3)
PSY 430: Industrial Psychology (3)
PSY 444: Adolescent Psychology and Psychopathology (3)
PSY 447: Psychology of Aging (SB) (3)
PSY 453: Organizational Behavior (SB) (3)

PSY 470: Psychopharmacology (3)
PSY 472: Clinical Psychology (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA or BS in psychology

Other Enrollment Requirements: None

The department does not offer any iCourse or oCourse sections for this minor.

The minor in psychology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
A minor can help students enhance the marketable skills they acquire in their major, diversify their skills with training in another discipline, and improve their future job outlook. Although most careers require more training than a minor alone can provide, a minor in psychology can add value for students who pursue careers in business, education or health care.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Public Relations and Strategic Communications Minor (HSPRSMIN)
Campus: West

Description:
The minor program in public relations and strategic communications provides students with professional and academic expertise in areas as diverse as persuasion and campaign communications, public relations, crisis communications, special-events planning, marketing, and professional writing and editing. Additionally, students refine the presentation skills needed for public and community relations.

Program Requirements:
The minor in public relations and strategic communications consists of 18 credit hours (a minimum of 12 must be upper division). A minimum of six upper-division credit hours must be completed through courses offered by the School of Social and Behavioral Sciences. Credit hours may not be shared between a student's major and minor requirements. Electives not on course list must be approved by an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Core Courses (choose three) -- 9 credit hours
COM 319: Persuasion and Social Influence (SB) (3)
COM 320: Communication and Consumerism (SB) (3)
COM 353: Professional Communication (3)
COM 454: Rhetorical and Critical Approaches to Public Relations (3)

Electives (choose three) -- 9 credit hours
ASB 374 / POS 374 / SBS 374 / SOC 374: Cultures and Politics of the Internet (SB) (3)
COM 259: Communication in Business and the Professions (3)
COM 319: Persuasion and Social Influence (SB) (3)
COM 320: Communication and Consumerism (SB) (3)
COM 353: Professional Communication (3)

COM 414: Crisis Communication (3)
COM 429: Semiotics and Visual Communication (3)
COM 450: Organizational Communication (SB) (3)
COM 454: Rhetorical and Critical Approaches to Public Relations (3)
COM 457: New Media (3)
COM 459: Theory and Methods of Social Media Networks (3)
COM 484: Internship (3)
ENG 301: Writing for the Professions (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 410: Writing for Publication (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in public relations and strategic communications is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The minor program in public relations and strategic communication helps prepare students for diverse opportunities in business, government, industry, professional sports, politics, writing and editing, and public relations.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/public-relations-and-strategic-communications-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Public Service and Public Policy Minor (PPPAFMIN)
Campus: Downtown Phoenix

Description:
The minor program in public service and public policy prepares students for work in government at all levels and in nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies.

Students discover the challenges of management, learn how to lead a public organization, and understand the process of policy development.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. The program has an applied and professional focus which can enhance many other majors, enabling students to be more competitive when seeking a public sector job.

Program Requirements:
The minor in public service and public policy requires 18 credit hours.
A minimum of 12 credit hours must be taken in the School of Public Affairs at ASU.

Required Courses -- 9 credit hours
PAF 200: Public Service and Policy in the 21st Century (3)
PAF 300: Public Management and Administration (3)
PAF 340: Contemporary Policy Challenges (3)

Electives (select three courses) -- 9 credit hours
PAF 201: Economics and Public Policy (SB) (3)
PAF 305: Urban Governance (3)
PAF 351: Urban and Metropolitan Studies (3)
PAF 410: Building Leadership Skills (SB) (3)
PAF 420: Managing Across Boundaries (3)
PAF 470: Topics in Public Economics and Financial Management (3)
PAF 471: Public Policy Analysis (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in public service and public policy (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Students completing this minor are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a policy analyst, entry-level manager or program coordinator in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/undergradminors
UCENT 400
spa@asu.edu
602-496-0450

Real Estate Minor (BAREAMIN)
Campus: Tempe

Description:
The real estate minor program is designed to provide an understanding of the real estate industry and to complement the major area of study.

It consists of a strong foundation that includes real estate fundamentals, law, appraisal and land development. To complement the foundation, students may choose from a variety of courses such as investing, economics and urban issues.

Program Requirements:
Students must complete a minimum of 18 credit hours, including 12 hours of required courses and six hours of electives.
Students must complete a minimum of 12 credit hours of resident credit for the minor. All courses must be completed with a grade of "C" (2.00) or better.
The upper-division required courses for this minor are restricted to students with at least 56 earned credit hours, a minimum 2.50 ASU GPA and completed course prerequisites.

Required Courses -- 12 credit hours
REA 380: Real Estate Fundamentals (3)
REA 401: Real Estate Appraisal (3)
REA 411: Real Estate Law (3)
REA 456: Real Estate Investments (3)

Elective Courses (choose two) -- 6 credit hours
ACC 340: External Reporting I (3)

ACC 350: Internal Reporting (3)

ACC 444: Enterprise Process Analysis and Design (3)

AGB 250: Economics of Resource Allocation: Food and Agriculture (3)

AGB 333: Agribusiness Finance (3)

AGB 452: Global Food and Agricultural Trade (3)

BUS 434: Business Risk Management (3)

CEE 300: Engineering Business Practice (L) (3)

CIS 308: Advanced Excel in Business (3)

CIS 309: Business Process Management (3)

CIS 311: Business Agile Project Management (3)

CIS 405: Business Intelligence (3)

CON 457: Principles of Leadership for Project Managers (3)

DSC 394: Design Entrepreneurship & Society (3)

DSC 494: Economics of Building Design (3)

ECN 315: Money & Banking (3)

EDS 301: Sustainable Community Design and Practices (HU) (3)

ENT 360: Entrepreneurship and Value Creation (3)

ENT 440: Entrepreneurship (3)

FIN 331: Financial Markets and Institutions (3)

GCU 357: Social Geography (SB) (3)

GCU 361: Urban Geography (SB) (3)

GPH 381: Geography of Natural Resources (G) (3)

LAP 353: Planting Design for Sustainable Landscapes (3)

MGT 400: Cross-Cultural Management (C & G) (3)

MGT 411: Leading Organizations (3)

MGT 430: Negotiations (3)

MKT 370: Professional Sales and Relationship Management (3)

MKT 390: Essentials of Marketing (3)

MKT 391: Essentials of Selling (3)

MKT 396: Essentials of Services Marketing (3)

MKT 410: Sales Management (3)

MKT 452: Business-to-Business Marketing Strategy (3)

PUP 301: Introduction to Urban Planning (L) (3)

PUP 410: Public Participation in Planning (3)

PUP 411: Environment, Justice and Cities (3)

PUP 432: Planning and Development Control Law (3)

PUP 452: Ethics and Theory in Planning (L) (3)

PUP 465: Sustainable Urbanism (3)

REA 441: Real Estate Land Development (3)

REA 494: Special Topics (3)

SCM 314: Analytics for Logistics (3)

SCM 315: Business Decision Models (3)

SCM 344: Applied Logistics Management (3)

SCM 354: Procurement of Services (3)

SCM 385: Business and Sustainability I (3)

SCM 455: Research and Negotiation (3)

SCM 463: Global Supply Chain Management (G) (3)

SOS 300: Advanced Concepts and Integrated Approaches in Sustainability (3)

SOS 310: Equity, Justice and Sustainability (3)

SOS 311: Future Thinking and Strategies (3)

SOS 320: Society and Sustainability (L or SB) (3)

SOS 321: Policy and Governance in Sustainable Systems (3)

SOS 323: Sustainable Urban Dynamics (3)

SOS 325: The Economics of Sustainability (3)

SOS 328: Sustainability and Enterprise (3)

SOS 385: Business and Sustainability I (3)

SOS 465: Sustainable Urbanism (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00 minimum

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in real estate understand the complexity of real estate, and this competitive knowledge base is a benefit as they pursue careers in the real estate industry.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Business, W. P. Carey School of
Department of Finance
https://wpcarey.asu.edu/undergraduate-degrees/real-estate-minor
BA 160
wpcareyug@asu.edu
480-965-4227

Recreation Management Minor (PPRECMIN)

Campus: Downtown Phoenix

Description:
The minor program in recreation management introduces students to community recreation programming and planning for a variety of populations.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as social work, criminology and criminal justice, public affairs, kinesiology, psychology, sociology, education, nursing and many others might find this program a beneficial supplement to their existing program.

Program Requirements:
The recreation management minor requires completion of 15 credit hours: six credit hours of required courses and nine credit hours of elective courses.

Required Core Courses -- 6 credit hours
PRM 120: Leisure and the Quality of Life (SB) (3)
PRM 203: Program Planning (3)

Electives (select three courses) -- 9 credit hours
CRD 302: Inclusive Community Development (SB & C) (3)
PRM 304: Recreation and Sport Planning and Facilities (L) (3)
Notes: Offered fall semester only
PRM 315: Creating Community Through Park and Recreation Systems (3)
Notes: Offered fall semester only
PRM 335: Sports and Recreation for Youth Development (3)
Notes: Offered spring semester only
PRM 364: Foundations of Recreation Therapy (SB) (3)
PRM 453: Inclusive Community Sport (3)
PRM 475: Entrepreneurial Recreation and Tourism (3)
PRM 494: Special Topics (3)

Standards

1. 15 hours of graded classroom coursework
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor
3. should be a junior to take 400-level courses
4. no double counting of courses for a major and the minor

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in recreation therapy; BS in parks and recreation management (therapeutic recreation)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in recreation management can find opportunities in diverse settings involving a wide range of organizations, including recreation, sports and youth development.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Recreation Therapy Minor (PPRECTMIN)
Campus: Downtown Phoenix

Description:
This minor program in recreation therapy exposes students to the field of recreation therapy and how it can be used to support the wellness of communities.

Students develop the knowledge to assess individuals, develop service plans, implement therapeutic interventions, and evaluate and document outcomes of care, supporting the wellness of their communities through therapeutic recreation.

Completion of the minor provides students with a portion of the requirements needed for eligibility to take the national certification exam through the National Council for Therapeutic Recreation Certification; more information is available on their website. https://nctrc.org/about-certification/ctrs-the-qualified-provider/ (https://nctrc.org/about-certification/ctrs-the-qualified-provider/)

Program Requirements:
The recreational therapy minor requires completion of 18 credit hours: nine credit hours of required courses and nine credit hours of elective courses.

PRM 400, PRM 406 and PRM 450 are offered in spring semester only.
PRM 453 and PRM 460 are offered in fall semester only.
Core Courses -- 9 credit hours
PRM 364: Foundations of Recreation Therapy (SB) (3)
PRM 400: Intervention Techniques in Recreational Therapy (3)
PRM 460: Assessment and Documentation in Recreational Therapy (3)

Therapeutic Recreation Electives (choose three courses) -- 9 credit hours

For students seeking the national credential in therapeutic recreation, select three courses from PRM 406, 413, 440, 450 or 455. May be eligible for PRM 463 Senior Internship. Contact SCRDadvising@asu.edu for further questions.

PRM 384: Recreational Therapy Practicum (3)

PRM 406: Program Design and Administration in Recreational Therapy (3)

PRM 413: Leadership and Professional Development in Recreational Therapy (3)

PRM 440: Advocacy in Therapeutic Recreation (3)

PRM 450: Therapeutic Recreation and Community Health (3)

PRM 453: Inclusive Community Sport (3)

PRM 455: Recreational Therapy and Play with Children, Youth and Families (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BS in recreation therapy; BS in parks and recreation management (therapeutic recreation)

Other Enrollment Requirements: none

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in recreational therapy can find opportunities in diverse settings including recreation, therapy and hospital settings.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

https://scrd.asu.edu/content/therapeutic-recreation

UCENT 550

scrdadvising@asu.edu

602-496-0550

Religious Studies Minor (ASRELMIN)

Campus: West

Description:

The minor program in religious studies introduces students to the world's religious traditions and how these are used by humans to interpret experiences and find meaning. Students learn to think critically about religious worldviews and presuppositions and to explore the relation to contemporary challenges in the world.

Program Requirements:

The minor in religious studies consists of 18 credit hours, including a minimum of 12 upper-division credit hours. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Coursework taken to fulfill the requirements of the minor may not be used to fulfill requirements for your major. Consult with an academic advisor prior to enrollment.

Select six courses (minimum 12 upper-division credit hours) -- 18 credit hours

IAS 430: Science and Religion (L or HU) (3)

IAS 450 / PHI 450 / REL 450: Philosophical and Spiritual Issues in Death and Dying (3)

PHI 303 / REL 300: The Future of Religions (L or HU) (3)

PHI 318: Philosophy of Religion (HU) (3)

PHI 391 / REL 391: Historical Perspectives on Philosophy and Religion (3)

PHI 417: Philosophy of Censorship (L or HU) (3)

PHI 494: Special Topics (3)

REL 100: Religions of the World (HU & G) (3)

REL 200: Exploring the World's Religions ((L or HU) & G) (3)

REL 201: Religion and the Modern World (L or HU) (3)

REL 202: Religion and Popular Culture (HU & C) (3)

REL 203: Saints and Sinners: Explorations in Sacred Biography (HU & H) (3)

REL 205: Life, Sex and Death (HU) (3)

REL 207: Ritual, Symbol, and Myth (L or HU) (3)

REL 310: Western Religious Traditions (HU & H) (3)

REL 320: American Religious Traditions (HU & C & H) (3)

REL 321: Religion in America ((L or HU) & C & H) (3)

REL 345: Asian Religious Traditions (HU & G) (3)

REL 381: Religion and Moral Issues (L or HU) (3)

REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)

REL 401: Sacred Scriptures and Social Choices (HU & G) (3)

REL 494: Special Topics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in religious studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Students with a minor in religious studies seek employment in a variety of professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care
- journalism
- mental health and counseling
- nonprofit organizations
- nongovernmental organizations
- public service

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/religious-studies-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Religious Studies Minor (LARELMIN)

Campus: Tempe, Online

Description:

The minor in religious studies engages students in a comparative exploration of religions and cultures. This exploration leads to a deeper understanding of human nature, religious traditions, and the roles religion plays in a pluralistic and globalizing world.

Students may pursue the minor in religious studies with regional, national, hemispheric, global and a variety of thematic emphases.

Program Requirements:
The minor in religious studies consists of 18 credit hours, at least 12 of which must be completed at the upper-division level. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. All courses must be passed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours
REL 101: Religion, Culture and Public Life (HU & G) (3)

Electives -- 15 credit hours
 REL Elective (3)
 REL Upper Division Elective (12)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in religious studies; BA in religious studies (religion, culture and public life); BA in religious studies (religion, politics and global affairs)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in religious studies is of benefit to those who intend to pursue careers in education, law or journalism.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Romanian Minor (LAROMMIN)
Campus: Tempe

Description:
The Romanian minor program provides students with the means to develop their interests in social, cultural and political matters while advancing their Romanian language skills.

Program Requirements:
The Romanian minor consists of a minimum of 18 credit hours, including nine credit hours of required core language courses and nine credit hours of upper-division electives. At least 12 credit hours must be upper division. Students choose from either the Romanian Advanced Language track or the Romanian Culture track for the upper-division electives. A minimum of six credit hours must be completed in residence at ASU. All courses must completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Core Language Courses -- 9 credit hours

ROM 202: Intermediate Romanian Language and Culture II (4)
Notes: Only three credit hours of ROM 202 apply to the minor. The extra credit hour will be applied to university electives.
ROM 313: Romanian Composition and Conversation (3)
ROM 314: Romanian Composition and Conversation (3)

Upper-Division Electives (choose one track) -- 9 credit hours
Upper Division Advanced Language or Culture Track (9)

Romanian Advanced Language Track
ROM 411: Advanced Spoken and Written Romanian I (3)
ROM 412: Advanced Spoken and Written Romanian II (3)
Choose one course from Romanian Culture track (3)

Romanian Culture Track
ROM 310 / SLC 310: Migration and Identity: Digital Storytelling (HU & G) (3)
ROM 442 / SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) (3)
ROM 494: Special Topics (3)
ROM 499: Individualized Instruction (3)
Notes: Maximum of three credit hours may be applied to the minor.
SLC 343: Culture and Society Transformation (SB & G) (3)
SLC 429: Studies in European Literature and Culture (3)

Course substitutions are permitted for heritage speakers and other advanced speakers of Romanian.
ROM 101 through 201 are not applicable to the minor.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Students who wish to add a minor in Romanian to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Romanian studies equips students with communication and cultural competency skills, a valuable benefit for any profession they choose to pursue, such as careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-romanian-minor
DH 131
silcadvising@asu.edu
480-965-6281

Russian Minor (LARUSMIN)
Campus: Tempe

Description:
Students pursuing a minor in Russian gain novice to intermediate language skills and an understanding of the literature and cultures of Russian-

speaking peoples and regions. With Russia as an active player in world affairs on the international stage, knowledge of Russian language and culture is a valuable asset for students interested in government, diplomacy and international affairs and commerce.

The Russian language program cooperates with the Melikian Center to offer a transdisciplinary baccalaureate certificate in Russian, Eurasian and East European studies for students in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies, Russian, sociology and women's studies.

Students are encouraged to study abroad. The ASU exchange program in Russian language and translation offers students the opportunity to study in Moscow, St. Petersburg or Kazan.

Program Requirements:
The Russian minor consists of 18 credit hours, of which at least 12 credit hours must be upper division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Core Requirements -- 6 credit hours
RUS 311: Russian Society I (G) (3)
RUS 312: Russian Society II (G) (3)

Literature Course (choose one) -- 3 credit hours
RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)
RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
RUS 421: Pushkin (L or HU) (3)
RUS 425 / THE 425: Chekhov and Russian Drama (L or HU) (3)
RUS 430: Russian Short Story (L or HU) (3)
RUS 439 / SLC 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)

Electives (choose three) -- 9 credit hours
At least one course must be completed at the upper-division level.

RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) (3)
RUS 211: Conversational Russian I (G) (3)
RUS 212: Conversational Russian II (G) (3)
RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)
RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
RUS 411: Russian Language, History and Culture I (G) (3)
RUS 412: Russian Language, History and Culture II (G) (3)
RUS 421: Pushkin (L or HU) (3)
RUS 430: Russian Short Story (L or HU) (3)
RUS 439 / SLC 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)
RUS 440: Russian Mass Media (G) (3)
RUS 484: Internship (3)
RUS 493: Honors Thesis (L) (3)
SLV 304: Digital Humanities for Language Majors (CS) (3)
SLV 440: History of Slavic Languages (SB) (3)
SLV 484: Internship (3)
SLV 493: Honors Thesis (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in Russian

Other Enrollment Requirements: None

Students who wish to add a minor in Russian may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Russian studies equips students with communication and cultural competency skills, a valuable benefit for any profession they choose to pursue, such as careers in political analysis, education, tourism and hospitality, the military and sociology or marketing.

Contact Information:

Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-russian-minor
DH 131
silcadvising@asu.edu
480-965-6281

Science, Technology and Society Minor (ECSTSMIN)

Campus: Polytechnic

Description:

Living in a 21st century world is characterized by rapid technological change and uncertainty. Mastering the intricacies of the interrelationships between technology and human systems enhances a degree in any area and provides graduates with the insights and skills required for success in any endeavor.

Program Requirements:

The minor in science, technology and society requires 18 credit hours, including a minimum of 12 upper-division credit hours. A minimum of six upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

General Course -- 3 credit hours
STS 101: Introduction to Science, Technology and Society (SB) or STS 304: Science, Technology and Society (SB) (3)

Internationalization Course -- 3 credit hours
STS 110: Global Technology and Development (SB & G) or STS 317: Science, Technology, and Global Engagement (SB & G) (3)

Electives (choose four) -- 12 credit hours
ISS 302: Scope of Social Science (SB) (3)
ISS 304: Integrated Theories of Social Science (SB) (3)
ISS 441: Conflict and Conflict Resolution (SB & G) (3)
ISS 450: Consumerism and Sustainable Development (SB) (3)
ISS 456: Culture, Conflict and War ((L or SB) & G) (3)
POS 301: Empirical Political Inquiry (SB) or ISS 301: Integrated Social Science Research Methods (SB) or STS 301: Research in Science and Technology Studies (SB) (3)
POS 316: American Political Institutions (3)
POS 325: Public Policy Development (SB) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)
POS 485: Political Economy (SB) (3)
STS 302: Philosophy of Science and Technology (SB) (3)
STS 303: History of Science and Technology (H) (3)
STS 305: Science and Social Theory (SB) (3)
STS 306: Social Effects of Science and Technology (SB) (3)
STS 318: Science, Technology, and Government (SB) (3)
STS 325: Science, Technology, and Public Policy (SB) (3)
STS 328: Science, Technology, and Culture (SB) (3)
STS 329: Technology in Developing Countries (SB & G) (3)
STS 330: Information Technology and Globalization (SB & G) (3)
STS 331: Ethical Issues in Science and Technology (SB) (3)
STS 332: Global Issues in Science and Technology (SB) (3)
STS 364: Science, Technology, and National Security (SB) (3)
STS 425: Law, Values, Science, and Technology (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in science, technology and society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in science, technology and society can help students understand the interrelationships between technology and human systems as they pursue careers in industrial design, urban planning or public relations.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Slavic Studies Minor (LASLVMIN)

Campus: Tempe

Description:

The Slavic studies minor program focuses on Slavic languages and cultures with a concentration in either Bosnian/Croatian/Serbian or Polish.

It is designed to complement the studies of students from a wide range of disciplines (e.g., history, cultural anthropology, music, political science, economics) whose professional interests lie in Poland or the countries of southeastern Europe. The program places equal emphases on language, culture and regional studies. The minor develops limited professional linguistic proficiency in either BCS or Polish along with adequate cultural sensitivity.

Program Requirements:

The minor in Slavic studies requires 18 upper-division credit hours. A minimum of six upper-division credit hours must be taken in residence at ASU. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Slavic Language Courses -- 6 credit hours
Language sequence options for earning the required six credit hours are: complete BCS 311 and BCS 312, or BCS 495 taken twice; OR PLC 311 and PLC 312, or PLC 494 Polish for Heritage Speakers taken twice.
Course substitutions are permitted for heritage speakers and other advanced speakers of Slavic languages. Please contact the School of International Letters and Cultures for more information.

BCS 311: Bosnian/Croatian/Serbian Composition and Conversation I (3)
BCS 312: Bosnian/Croatian/Serbian Composition and Conversation II (3)
BCS 495: Serbo-Croatian for Heritage Speakers (3-6)
Notes: This course may be repeated for credit.
PLC 311: Advanced Polish I (3)
PLC 312: Advanced Polish II (3)
PLC 494: Polish for Heritage Speakers (3-6)
Notes: This topic may be repeated for credit.

Required Courses -- 9 credit hours

SLV 304: Digital Humanities for Language Majors (CS) (3)
SLV 440: History of Slavic Languages (SB) (3)
SLV 498: Pro-Seminar or SLV 498: Senior Capstone (3)

Slavic Upper-Division Elective (choose one) -- 3 credit hours
BCS 394: Special Topics (3)
RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)
RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
RUS 394: Special Topics (3)
RUS 421: Pushkin (L or HU) (3)
RUS 425: Chekhov and Russian Drama (L or HU) (3)
RUS 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)
RUS 484: Internship (3)
RUS 493: Honors Thesis (L) (3)
RUS 499: Individualized Instruction (3)
SLV 484: Internship (3)
SLV 492: Honors Directed Study (3)
SLV 493: Honors Thesis (L) (3)
SLV 499: Individualized Instruction (3)

No lower-division language courses are applicable to the minor.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

Students who wish to add the minor in Slavic studies to the degree they are currently pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A Slavic studies minor equips students with communication and cultural competency skills, a valuable benefit for any profession they choose to pursue, such as careers in political analysis, sociology or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-slavic-studies
DH 131
silcadvising@asu.edu
480-965-6281

Social Justice and Human Rights Minor (ASJHRMIN)
Campus: West

Description:
The minor in social justice and human rights at ASU's New College of Interdisciplinary Arts and Sciences spans both the social sciences and the humanities to prepare students to meet the challenges of 21st century issues of social justice and protection of human rights in local, national, international and global contexts.

Coursework prepares students to serve as advocates for alleviating political, economic and social inequality, and introduces students to principles and practices of everyday humanitarianism, multimedia advocacy and theories and practices of social justice and human rights.

Program Requirements:

The minor in social justice and human rights consists of 18 credit hours (12 of which must be upper-division); nine credit hours of core requirements and nine credit hours of interdisciplinary track coursework. A minimum of six credit hours must be taken through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to meet requirements must be completed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)

Research Methods -- 3 credit hours
SBS 302: Qualitative Methods or SBS 303: Quantitative Methods or SBS 304: Social Statistics I (CS) (3)

Interdisciplinary Tracks -- 9 credit hours

Social Justice and Inequality (Select one course) -- 3 credit hours
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)
HST 441 / LAS 441: Latin America and the World Economy (L & G & H) (3)
JHR 294: Human Rights & Data (3)
POS 342: Political Theory (HU or SB) (3)
POS 446: Democracy (HU) (3)
POS 480 / SBS 480: Global Justice (G) (3)
POS 494: Everyday Forms of Political Resistance (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)
SOC 270: Sociology of Race and Ethnicity (SB & C) (3)
SOC 331: Environmental Sociology (SB & G) (3)
SOC 352: Social Change (SB & G & H) (3)
SOC 426: Social Inequalities (SB) (3)

Law, Citizenship, Borders (Select one course) -- 3 credit hours
ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
JHR 494: International Law and Human Rights (3)
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) (3)
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) (3)
POS 210: Political Ideologies (SB) (3)
POS 361: American Foreign Policy (SB & G) (3)
POS 446: Democracy (HU) (3)
POS 465: International Organization and Law (SB & G) (3)
POS 480 / SBS 480: Global Justice (G) (3)

Identity and Place (Select one course) -- 3 credit hours
ASB 211: Women in Other Cultures ((HU or SB) & G) (3)
ETH 430 / LAS 430 / WST 430: Gender on the Borderlands (SB & G) (3)
ETH 433 / JHR 433 / WST 433: Race and Sexualities in Social Justice Movements (3)
ETH 473 / LAS 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
JHR 394: Human Rights in the Global South (3)
JHR 394: World Languages and Identity (3)
FOR 449 / LAS 449 / SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) (3)
HST 376 / LAS 376: Modern Latin America (SB & G & H) (3)
POS 150: Comparative Government (SB & G) (3)
POS 247: Introduction to Latin American Politics (SB & G) (3)
POS 350: Comparative Politics (SB & G) (3)
POS 357: South Asia Politics (SB & G) (3)
POS 361: American Foreign Policy (SB & G) (3)
POS 437: Women, Power, and Politics (G) (3)
SOC 264: Sociology of Gender (SB & C) (3)
WST 428: Gender, Madness and Justice (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in social justice and human rights; BA and BS in justice studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Students with this minor are employable in a variety of settings, including refugee resettlement agencies; agencies and shelters supporting survivors of domestic abuse; shelters for migrants, especially for unaccompanied minors; disaster relief agencies; organizations assisting survivors of sex trafficking and human labor trafficking; and agencies assisting veterans and others suffering from post-traumatic stress.

Possible career opportunities include fundraising, grant writing, humanitarian aid worker, international governmental organization professional, nongovernmental organization professional or nonprofit agency manager.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-justice-human-rights-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Social Welfare Minor (LASSWMIN)

Campus: Downtown Phoenix, West, Online

Description:
The social welfare minor program prepares students for work in human service settings where a fundamental knowledge of human relations is required.

The minor enhances and broadens students' abilities to analyze complex family, individual and societal problems in the context of societal values, cultural diversity and other social and economic variables. The program contributes to students' understanding of society and social behavior, encourages critical thinking, and helps develop communication skills.

Program Requirements:
Students should:
1. be at sophomore standing to take 300- or 400-level courses
2. complete 18 credit hours of graded coursework (internship or independent study not applicable)
3. complete a minimum of 12 credit hours of resident credit at ASU
4. complete SWU 171 as the prerequisite for all upper-division SWU courses
5. earn a grade of "C" (2.00 on a 4.00 scale) or better for all courses in the minor
6. maintain a cumulative GPA of 2.00 (4.00 scale) or higher
7. consider meeting with a social welfare advisor prior to registration
8. take a minimum of 12 credit hours of upper-division coursework from the approved list

Required Courses -- 9 credit hours
SWU 171: Introduction to Social Work (SB & H) (3)
SWU 291: Social Service Delivery Systems (3)
SWU 332: Social Policy and Advocacy or SWU 432: Social Policy and Services (3)

Cultural Diversity in the United States Course (select one) -- 3 credit hours
SWU 374: Diversity and Oppression in a Social Work Context (C) (3)
SWU 456: Immigrants and Refugees (C) (3)
SWU 457: Southwest Borderland Immigration Issues (C) (3)

SWU 459: Spirituality and the Helping Professions (3)
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) (3)

Elective Courses* -- 6 credit hours
SWU 303: Micro Human Behavior and the Social Environment (L or SB) (3)
SWU 340: Macro Human Behavior and the Social Environment (SB) (3)
SWU 454: Overview of Addictions (3)
SWU 456: Immigrants and Refugees (C) (3)
SWU 457: Southwest Borderland Immigration Issues (C) (3)
SWU 458: Behavioral Health Services (3)
SWU 459: Spirituality and the Helping Professions (3)
SWU 460: Legal Issues in Social Work (3)
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) (3)
SWU 462: Global Social Welfare (G) (3)
SWU 498: Pro-Seminar (L) (1-7)
*Note: Student may select one additional course from the cultural diversity in the U.S. options above.
*Note: SWU 456, SWU 457, SWU 459 and SWU 461 cannot be used to meet both the Cultural Diversity in the United States course requirement and as an elective course.

Lower-division credit hours required: 6

Upper-division credit hours required: 12
Total credit hours required: 18
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BSW in social work; BA in public service and public policy (social services delivery); BA in community advocacy and social policy

Other Enrollment Requirements: None

Students should meet with a social welfare advisor prior to registration.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Graduates with a minor in social welfare are prepared for work in a variety of human service settings. This minor complements careers in journalism, communications, public administration, nursing and related fields, and it provides a foundation for students who seek to pursue an MSW.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu
UCENT 800
social.work@asu.edu
602-496-0800

Social and Behavioral Sciences Minor (ASSBSMIN)
Campus: West

Description:

The minor program in social and behavioral sciences provides students an interdisciplinary perspective across several fields of the social and behavioral sciences, including communication, sociocultural anthropology, geography, political science, psychology and sociology, enabling them to better understand and interact with people and society.

Program Requirements:

The minor in social and behavioral sciences consists of 18 credit hours, of which a minimum of 12 credit hours must be upper division. A minimum of six upper-division credit hours must be completed through courses offered by the New College of Interdisciplinary Arts and Sciences. A maximum of three credit hours of internship and three credit hours of individualized instruction may be used to fulfill requirements. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Students wishing to pursue the minor must meet with an academic advisor in the School of Social and Behavioral Sciences to construct a minor that reflects a particular area of specialty and interest.

Required Courses -- 6 credit hours
SBS 200: Introduction to Social and Behavioral Sciences (SB) (3)
SBS 302: Qualitative Methods or SBS 303: Quantitative Methods (3)

Electives -- 12 credit hours
Choose electives from at least three of the listed subject areas.
ASB OR   COM OR   FAS OR   JHR OR   POS OR   PSY OR   SOC Elective (3)
ASB OR   COM OR   FAS OR   JHR OR   POS OR   PSY OR   SOC Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in social and behavioral sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

A minor in social and behavioral sciences is appropriate for any discipline that requires a solid background in social sciences. Students with this minor are prepared to work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines, and urban studies or planning.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/social-and-behavioral-sciences-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociocultural Anthropology Minor (ASASBMIN)

Campus: West

Description:

The minor in sociocultural anthropology, offered by the School of Social and Behavioral Sciences, is designed to provide students with a substantive understanding of the theoretical assumptions and methodological techniques underlying the field of sociocultural anthropology.

Courses provide students with knowledge about and theoretical approaches to cross-cultural studies and transnational research, emphasizing culture and political economy in historical context.

Program Requirements:

The minor in sociocultural anthropology requires 18 credit hours, at least six hours of which must be in upper-division coursework taken in the School of Social and Behavioral Sciences. Up to nine hours of ASB courses offered by other ASU campuses may be applied toward electives in the minor. Up to six hours of lower-division ASB credit, three hours of ASB 499 Individualized Instruction and three hours of ASB 484 Internship may be applied toward the minor. Up to three credit hours of any study abroad course, in any subject, may apply to this minor. All coursework within the minor must be passed with a minimum grade of "C" (2.00) or better.

Required Courses -- 6 credit hours
ASB 102: Introduction to Cultural Anthropology (SB & G) or ASB 311: Principles of Social Anthropology (SB & G & H) (3)
SBS 302: Qualitative Methods (3)

Electives (minimum 6 upper-division credit hours) -- 12 credit hours
ASB 211: Women in Other Cultures ((HU or SB) & G) (3)
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
ASB 346: Marriage and Family Diversity (SB & C) (3)
ASB 350: Anthropology and Art (HU) (3)
ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356: Central American Studies (SB & G) (3)
ASB 374 / POS 374 / SBS 374 / SOC 374: Cultures and Politics of the Internet (SB) (3)
ASB 389 / SBS 389 / SOC 389: Ethnographic Field Lab (3)
ASB 394: Special Topics (3)
ASB 442 / SBS 460: Global Cities (SB & G) (3)
ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
ASB 484: Internship (3)
ASB 494: Special Topics (3)
ASB 499: Individualized Instruction (3)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)
SBS 450: Topics in Local/Global (SB & G) (3)
SBS 480 / POS 480: Global Justice (G) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in sociocultural anthropology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Career opportunities for graduates with a minor in sociocultural anthropology include grant writer, researcher or consultant, cultural resource manager, refugee or immigration officer or counselor, and nongovernmental or United Nations staff member.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/sociocultural-anthropology-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociology Minor (ASSOCMIN)

Campus: West

Description:
The minor program in sociology, offered by the School of Social and Behavioral Sciences, provides students with an understanding of the theory, practice and policy underlying issues of social change, inequality and diversity. These issues are approached from multiple perspectives, including race or ethnicity, gender, economic position, age, geographic location and position in the global political economy.

The student minoring in sociology learns how sociology enhances one's understanding of social realities and institutions at local, national and international levels and how it contributes to the other social sciences and to the humanities.

Students gain a basic understanding of the assumptions underlying the discipline of sociology and develop the research skills necessary for analysis of complex social issues. These objectives are met by offering a flexible program and by providing the student with individual and group experiences in working with faculty members on concrete intellectual and policy issues.

Program Requirements:
The minor in sociology consists of 18 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six upper-division credit hours must be completed through the School of Social and Behavioral Sciences. A maximum of three credit hours of SOC 484 or SOC 499 may be used to fulfill the requirements of this minor. All courses used to satisfy requirements for the minor must be passed with a "C" or better. Students wishing to pursue this minor must meet with an academic advisor in the School of Social and Behavioral Sciences to construct a minor that reflects a particular area of specialty and interest.

Foundation Requirement -- 3 credit hours
SOC 101: Introductory Sociology (SB) (3)

Select one course -- 3 credit hours
SBS 303: Quantitative Methods (3)
SBS 304: Social Statistics I (CS) (3)
SOC 426: Social Inequalities (SB) (3)
SOC 486: Contemporary Theory (SB) (3)

Electives -- 12 credit hours
  SOC Elective (3)
  SOC Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS or BA in sociology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Graduates are prepared for employment in corporate or governmental organizations as well as for continuation of their studies in graduate programs in sociology, social science or professional schools.

The sociological perspective is applicable to a wide variety of jobs in business, management, government, social services, the criminal justice system, and the health professions. Coursework in sociology provides a valuable preparation for careers in journalism, law, the nonprofit sector, public administration and public relations. These are all fields that involve investigative skills and an ability to work with diverse groups.

Graduates with an advanced degree in sociology may become community activists, community developers, criminologists, demographers, gerontologists, organizational advocate, research analysts, statisticians, survey researchers or urban planners.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/sociology-minor
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociology Minor (LASOCMIN)

Campus: Tempe, Online

Description:

The minor program in sociology provides an exceptional balance to studies in psychology, communication, education, business and nursing through basic coursework that explores social institutions and issues related to social change and social behavior.

The program is offered by the Sanford School of Social and Family Dynamics.

Program Requirements:

The minor in sociology requires 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
SOC 101: Introductory Sociology (SB) (3)
SOC 391: Applied Research Methods (L or SB) or SOC 483: Sociological Theories (L or SB) or SOC 486: Contemporary Theory (SB) (3)

Electives -- 12 credit hours
 SOC Elective (3)
 SOC Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in sociology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in sociology can benefit students as they pursue careers in counseling or social work, business, law and health care.

Contact Information:

Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/
SS 144
advisor@asu.edu
480-965-6978

Spanish Minor (ASSPAMIN)

Campus: West

Description:

The minor program in Spanish adds to students' language fluency and also offers deep insight into the cultures of Spanish-speaking communities.

Program Requirements:

The minor in Spanish consists of 18 credit hours, of which 15 credit hours must be upper division. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Courses for the minor must be chosen in consultation with an academic advisor in the School of Humanities, Arts, and Cultural Studies. Preparatory coursework may not be used to satisfy requirements for the minor. Preparatory coursework includes Spanish lower-division language courses. All courses used to satisfy the requirements for the minor must be passed with a "C" or better.

Core Requirements -- 12 credit hours
SPA 202: Intermediate Spanish (G) (4)
Three of the four credit hours from SPA 202 are counted toward the minor. The additional credit hour is applied toward university elective credit hours.
SPA 313 AND SPA 314: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) AND SPA 316: Advanced Spanish II for Bilinguals (L & C) (6)
SPA 325: Introduction to Hispanic Literature (HU) (3)

Upper-Division Electives -- 6 credit hours
Students should consult with an academic advisor to select six credit hours from the Spanish elective list or other appropriate courses from the LAS or SPA subjects, with the understanding that their coursework will be carried out in Spanish.
LAS 340: Latin American Women Writers (HU & G) (3)
LAS 350: The Construction of a Nation: Chile in the 20th/21st Century (3)
LAS 351: Cityscapes: Urban Mexican Literature and Culture (3)
LAS 355: Contemporary Mexican Cinema: Changing Cartographies (3)
LAS 394 / SPA 394: Special Topics (3)
LAS 394 / SPA 394: Global Central America: Markets, Migrations, Media (3)
LAS 430: Gender on the Borderlands (SB & G) (3)
LAS 450: Latina/os, Schooling and Social Inequality (C) (3)
LAS 471: Treaties and Cultural Production in Spain and the Americas (3)
LAS 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) (3)
LAS 481 / SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)
LAS 494 / SPA 494: Special Topics (3)
SPA 412: Advanced Conversation and Composition (G) (3)
SPA 413: Spanish Grammar in Context (G) (3)
SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) (3)
SPA 456: 20th-Century Spanish American Fiction (3)
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)
SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in Spanish

Other Enrollment Requirements: None

The minor in Spanish is open to all ASU undergraduate students.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

The Spanish program offers excellent preparation for graduate school or for employment as a teacher in the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula.

Outside the education system, graduates with a minor in Spanish find employment as translators and interpreters in:

- diplomatic corps
- federal and state courts
- law enforcement agencies
- law firms
- social agencies

The business world also provides employment for those fluent in Spanish. This is especially true in the American Southwest, with its proximity to Mexico and through outlets opened by multinational trade agreements.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/spanish-minor
FAB N100
harcsadvising@asu.edu
602-543-3000

Spanish Minor (LASPAMIN)

Campus: Tempe, Online

Description:

Students pursuing a minor in Spanish gain an understanding of the language, literature and cultures of Spanish-speaking peoples and regions.

Program Requirements:

The minor in Spanish requires a total of 21 credit hours, of which 18 credit hours must be upper division. A minimum of six upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Courses -- 12 credit hours
Of the 12 credit hours of required courses for the Spanish minor, students select the appropriate language track: Spanish Second Language or Spanish Heritage/Bilingual Language track.
SPA 202: Intermediate Spanish (G) or SPA 204: Intermediate Spanish II for Bilinguals (C & G) or SPA 210: Intensive Spanish II (G) (4)
Notes: Three credit hours from SPA 202, SPA 204, or SPA 210 are counted toward the minor. Additional credit hours earned are applied to the 120 hours minimum for graduation.
SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) (3)
SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) (3)
SPA 412: Advanced Conversation and Composition (G) (3)
Course substitutions are allowed for heritage and advanced speakers of the language.

Minor Tracks -- 9 credit hours
Students complete nine credit hours from one option track below that is beneficial to their personal or academic goals. Option tracks include Spanish Language Studies, Spanish Literary and Cultural Studies, or Spanish Linguistics. (9)

Option 1: Spanish Language Studies Track
Required Spanish Civilization and Culture Course (choose one):
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)
SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)
SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)
SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)
SPA Upper-Division Restricted Elective (choose one):
SPA 325: Introduction to Hispanic Literature (HU) (3)
SPA 400: Fundamentals of Spanish Linguistics (SB & G) (3)
SPA 413: Spanish Grammar in Context (G) (3)
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)
SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)
SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)

SPA Upper-Division Elective or SPA Upper-Division Study Abroad Course (choose one):

SPA 484: Internship (https://webapp4.asu.edu/catalog/courselist?s=SPA&l=300-399&t=2227&hon=F" > SPA 3** Elective (3)
(3)

SPA 325: Introduction to Hispanic Literature (HU) (https://webapp4.asu.edu/catalog/courselist?s=SPA&l=400-499&t=2227&hon=F" > SPA 4** Elective (3)

Upper Division Spanish Study Abroad Course (3)

Option 2: Spanish Literary and Cultural Studies Track

SPA 325 is required for this track.
(3)

Choose one course from the following:

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) (3)

SPA 426: Literature and Society in Modern Spain (HU) (3)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) (3)

SPA 464: Jaitón Works in Chicano/a Literature ((HU or SB) & C) (3)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)

SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

Choose one course from the following:

SPA 319: Business Correspondence and Communication (G) (3)

SPA 400: Fundamentals of Spanish Linguistics (SB & G) (https://webapp4.asu.edu/catalog/courselist?s=SPA&l=300-399&t=2227&hon=F" > SPA 3** Elective (3)

 SPA 4** Elective (3)

Option 3: Spanish Linguistics

SPA 400 is required for this track.
(3)

Choose two courses from the following:

SPA 413: Spanish Grammar in Context (G) (3)

SPA 417: The Sounds of Spanish (CS or SB) (3)

SPA 418: Architecture of Spanish (3)

SPA 419: Spanish Around the World (CS & C) (3)

SPA 420: Applied Spanish Linguistics (L) (3)

SPA 421: Spanish in the Southwest (C) (3)

See information about Language Placement Testing (https://silc.asu.edu/student-life/academic-advising/placement-testing) or consult with an academic advisor in the School of International Letters and Cultures regarding placement into Spanish language classes. Students testing into higher Spanish language courses may need overrides to enroll.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Spanish; BAE in secondary education (Spanish)

Other Enrollment Requirements: None

Students who wish to add the minor in Spanish to the degree they are currently pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Global Opportunities:

Global Experience:

Opportunities to participate in study abroad programs can serve to enhance a student's minor experience and education. More information is available at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students with a minor in Spanish studies have the communication and cultural competency skills they need as they pursue careers in political analysis, sociology or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/minor/minor-spanish-minor
DH 131
silcadvising@asu.edu
480-965-6281

Spanish Minor (LSSPAMIN)
Campus: Downtown Phoenix

Description:
This 18 credit hour minor helps students hone their Spanish communication skills and gain the cultural knowledge that can help them serve the needs of the growing U.S. Latino community.

The combination of professionally focused courses and practical experience in this program enhances students' professional preparation for employment in positions that require advanced proficiency in Spanish and an in-depth understanding of U.S.-Latino culture.

This program is only offered on the ASU Downtown Phoenix campus.

Program Requirements:
The Spanish minor requires a total of 18 credit hours.
Prerequisite: SPA 314 or SPA 316 or permission of instructor.
A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses. Pass/Fail courses cannot be used.

Required Courses -- 12 credit hours
SPA 317: Spanish for the Professions (G) (3)
SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C) (3)
SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) (3)
SPA 484: Internship (3)
Notes: Before enrolling in SPA 484, students should complete a minimum of 12 credit hours in the minor and seek instructor approval by emailing CISA@asu.edu (mailto:CISA@asu.edu).

Electives -- 6 credit hours
COM 362: Urban Communication: Reinventing the Latinx City (3)
COM 363: Latinxs and the Media (C) (3)
SPA 318: Advanced Spanish for Health Care Professionals (3)
SPA 401: Spanish Oral Communication for the Professions (3)
Notes: Recommended for journalism majors.
SPA 402: Written Communication for the Professions (C) (3)
Notes: Recommended for journalism majors.
SPA 403: Spanish Grammar and Stylistics for the Professions (3)
Notes: Recommended for journalism majors.
SPA 406: Introduction to Spanish/English Medical Interpretation (3)
SPA 494: Introduction to Spanish Translation for the Profes (3)
Notes: Recommended for journalism majors.
SPA 494: Latino/Lat. Amer. Film: Ethical Discus. for Profes (3)
SPA 494: Markets Migrants and Work Case Studies for Profess (3)
 SPA Upper Division Elective (3)

For additional upper-division electives, students should consult their academic advisor.
Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BA in Spanish

Other Enrollment Requirements: None

For additional admission and registration requirements, students should visit the school website at https://cisa.asu.edu/spanish-and-spanish-professions (https://cisa.asu.edu/spanish-and-spanish-professions).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Graduates who have combined the minor in Spanish with their major program of study may be more marketable to employers.

Graduates can serve in professional settings such as health and legal services, journalism, business, social work, and criminology, among others fields

Students who complete this undergraduate minor often decide to pursue employment in:

- business
- community interpretation
- education
- engineering and urban planning
- government
- health care services
- legal and justice systems
- social work
- tourism

Students can find a comprehensive list of career opportunities at https://cisa.asu.edu/spanish-and-spanish-professions (https://cisa.asu.edu/spanish-and-spanish-professions).

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
AZCNTR 380
CISA@asu.edu
602-496-0271

Special Events Management Minor (HSEVNMIN)
Campus: Downtown Phoenix

Description:
The minor program in special events management is designed to offer students a solid understanding of special events programming and management.

In addition to the two-tiered special events course, which provides basic and advanced instruction as well as experiential learning opportunities through event production, students are able to select electives to meet their interests.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, communication, journalism, music, fashion and many others find this program a beneficial supplement to their existing program.

Program Requirements:
The minor requires 15 credit hours: six credit hours of required courses, and nine credit hours of elective courses.

Required Core Courses -- 6 credit hours
PRM 145: Special Events Management (3)
PRM 487: Advanced Special Events Management (3)
Notes: Offered spring semester only

Electives (choose three) -- 9 credit hours
NLM 300: Fund Raising and Resource Development (3)
NLM 310: Volunteer Management (3)
PRM 304: Recreation and Sport Planning and Facilities (L) (3)
Notes: Offered fall semester only
PRM 350: Tourism, Recreation and Sports Marketing (3)
PRM 475: Entrepreneurial Recreation and Tourism (3)
PRM 483: Sports Tourism (3)
PRM 484: Internship (3)
PRM 485: Sports Events (3)
Notes: Offered spring semester only
TDM 345: Meeting and Convention Planning (3)
TDM 458: International Tourism (G) (3)

Standards
1. 15 credit hours of graded coursework (no independent study)
2. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor
3. should be a junior to take 400-level courses
4. no double counting of courses for a major and the minor

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in tourism development and management (including all concentrations), BS in community sports management (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in event management will have a competitive edge as they enter the workforce, prepared for employment in numerous positions, such as a meeting coordinator, sales coordinator, event planner, conference coordinator and festival coordinator.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 500
scrdadvising@asu.edu
602-496-0550

Speech and Hearing Science Minor (LASHSMIN)
Campus: Tempe

Description:
The minor in speech and hearing science is an academic program with emphasis on normal aspects of speech, language and hearing. The focus is

on how motor, cognitive and sensory systems interact with and influence hearing, speech and language in children and adults.

Program Requirements:
The minor consists of 24 total credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.
Students are strongly encouraged to meet with a Speech and Hearing Science academic advisor.

Required Courses -- 15 credit hours
SHS 205: Exploring Communication Disorders in Children and Adults (3)
SHS 250: Introduction to Phonetics (3)
SHS 310: Anatomical and Physiological Bases of Speech (3)
SHS 311: Hearing Science (3)
SHS 367: Language Science (SB) or SHS 375: Speech Science (3)

Upper-Division Electives -- 9 credit hours
SHS 401: Principles of Audiology (3)
SHS 402: Clinical Methods and Treatment of Communication Disorders (3)
SHS 465: Speech and Language Acquisition (SB) (3)
SHS 470: Developmental Speech and Language Disorders (3)
SHS 485: Acquired Speech and Language Disorders (3)
SHS 496: Aural Rehabilitation (3)
Students interested in pursuing the SLPA certificate should take SHS 402, 465 and 470 as their upper-division electives.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in speech and hearing science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
A minor in speech and hearing science can provide a broadened background for related careers such as medicine, education and neuroscience.

Graduates with this minor as a complement to their major are prepared for application to most graduate programs in speech-language pathology, communication disorders or audiology.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/speech-and-hearing-science-0
HLTHN 401AA
chs@asu.edu
480-965-2374

Statistics Minor (ASSTAMIN)

Campus: West

Description:
Data is increasingly the lifeblood of decision-making, and the discipline of statistics studies how to gain insights from data. The minor program in statistics is intended for students in STEM majors who wish to significantly increase their grasp of statistics and probability at the upper-division level.

The core courses of STP 280 and STP 281 provide foundational skills in probability, the analysis of distributions and the most common methods of inference. Later, more advanced coursework allows for specialization in nonparametric regression, statistical computing, multivariate analysis or

other specialized topics.

The completion of this minor in statistics indicates to employers and graduate school admission committees that students have had significant training in the proper handling, analysis and interpretation of data.

Program Requirements:

The minor in statistics consists of 19 credit hours, of which nine must be upper-division. A minimum of six credit hours must be taken through courses offered by the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Courses -- 13 credit hours
MAT 271: Calculus with Analytic Geometry II (MA) (4)
STP 280: Probability and Statistics for Researchers (CS) (3)
STP 281: Statistical Analysis for Researchers (3)
STP 310: Design and Analysis of Experiments or STP 311: Regression and Time Series Analyses (3)

Upper Division Electives -- 6 credit hours
STP 310: Design and Analysis of Experiments (3)
STP 311: Regression and Time Series Analyses (3)
STP 315: Statistical Computing (3)
STP 421: Probability (3)
STP 450: Nonparametric Statistics (3)
STP 452: Multivariate Statistics (3)
STP 460: Categorical Data Analysis (3)
STP 494: Special Topics (1-4)
STP 499: Individualized Instruction (3)

STP 494 is repeatable for different topics. STP 499 may taken only once, up to three credit hours.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in statistics

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
A minor in statistics is an excellent addition for students with an interest in data and data analytics. Graduates work in a variety of fields, including government, business, health care and technology.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/programs/minor/statistics
FAB N101
mnsadvising@asu.edu
602-543-3000

Statistics Minor (LASTAMIN)

Campus: Tempe

Description:
The minor in statistics is beneficial for students majoring in a variety of disciplines, such as physics, engineering applications, business, economics,

the life and social sciences, or to any field where there is a need for quantification in the analysis of information.

Program Requirements:
The minor in statistics requires a minimum of 18 credit hours, of which at least 12 hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.
STP 421 and STP 427 must be taken through The College of Liberal Arts and Sciences.

Required Courses -- 18 credit hours
MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)
MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)
STP 420: Introductory Applied Statistics (CS) (3)
STP 421: Probability (3)
STP 427: Mathematical Statistics (3)
STP 429: Applied Regression (CS) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science and statistics; BS in data science, BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Based on factors like pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best careers. The U.S. Bureau of Labor Statistics projects 35% growth rate in the need for employees trained in statistical analysis.

For students pursuing a minor in statistics, that means an exciting future of career opportunities in fields as diverse as business, finance, economics, engineering, technology, sports, marketing, government, health care, the environment, politics and more.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Studio Art Minor (HISTARTMIN)
Campus: Tempe, Online

Description:
The studio art minor is an opportunity for students across ASU to pursue their interest in art and expand any career path with critical thinking and creative problem solving skills. Across six art courses, students learn art techniques and concepts. The designated coursework is flexible enough for students to concentrate in a single area of the studio arts or explore several mediums.

Program Requirements:
The minor in studio art requires 18 credit hours (nine upper division). All courses must be completed with a minimum grade of "C" (2.00).

Studio Core -- 9 credit hours

ARA 195: Art in My World (HU) (3)

  ART 107: Photography as Experience (https://webapp4.asu.edu/catalog/courselist?s=ARA&t=2227&hon=F" > ARA OR   ART Elective (3)

ART 108: Digital Literacy for the Arts or ART 109: Making as Seeing and Thinking or ART 110: Drawing as Seeing and Thinking (HU) (3)

Upper-Division Studio Courses -- 9 credit hours

 ARA OR   ART Upper Division Elective (9)

Notes: When selecting upper division (3XX/4XX) ART studio courses, check the prerequisites. In some cases, instructors will approve an override.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: All studio art majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in studio art can help students as they pursue careers in animation; ceramics; painting and drawing; textiles; printmaking; and sculpture, woods, and metals.

Contact Information:

Design and the Arts, Herberger Institute for
School of Art
https://art.asu.edu
CDS 101
herbergeradvising@asu.edu
480-965-4495

Sustainability Minor (SUSUSMIN)

Campus: Downtown Phoenix, Polytechnic, Tempe, West, Online

Description:

Students in the sustainability minor learn about the concept of sustainability and how it may be used to develop solutions to pressing issues affecting society, organizations, the environment and the world.

The program introduces sustainability principles and contextualizes how sustainability can be applied to all academic disciplines and professional fields. Students explore the challenges of sustainability within human societies, economies, the environment, cultures and technology, all in local, national and international contexts.

The minor is intended to draw from and inform almost any major offered by the university.

Program Requirements:

The sustainability minor requires 18 credit hours of study, of which at least nine must be upper division. The program includes six credit hours of required core courses, six credit hours of required theme courses and six credit hours of upper-division sustainability-related electives that relate to the student's major.

All courses must be completed with a grade of "C" (2.00) or higher.

Required Core Courses -- 6 credit hours
SOS 100: Introduction to Sustainability (G) (3)
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability (3)

Required Theme Courses -- 6 credit hours
Two courses, each from a different sustainability theme area below.

Coupled Human-Environment Systems
ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) (3)
CHM 107: Chemistry and Society (SQ) (3)
CRD 301: Sustainable Communities (3)
CRD 302: Inclusive Community Development (SB & C) (3)
GLG 110: Dangerous World (SQ & G) (3)
GPH 210: Society and Environment (G) (3)
ISS 450: Consumerism and Sustainable Development (SB) (3)
LSC 362: The Human Environment (3)
SOS 320: Society and Sustainability (L or SB) (3)
SOS 327: Sustainable Food and Farms (3)

Earth Systems
ABS 225: Soils (SQ) (3)
ABS 270: Sustainable Biological Systems (3)
BIO 100: The Living World (SQ) (4)
ENV 410: Soil Science (4)
GLG 101: Introduction to Geology I (Physical) (SQ) (3)
GLG 108: Water Planet (SQ) (4)
GLG 110: Dangerous World (SQ & G) (3)
GPH 211: Landform Processes (SQ) (4)
LSC 388: Bee Ecology in Urban and Wild Habitats (L) (3)
SES 106: Habitable Worlds (SQ) (4)
SOS 326: Sustainable Ecosystems (3)

Human Transformation of the Earth
ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)
ABS 270: Sustainable Biological Systems (3)
ABS 363: Sustainable Landscape Practice (4)
ALA 100: Introduction to Environmental Design (HU & H & G) (3)
ASM 104: Bones, Stones, and Human Evolution (SB or SG) (4)
BIO 130: Introduction to Environmental Science (SQ) (4)
CON 101: Construction and Culture: a Built Environment (HU & H) (3)
ENV 201: Fundamentals of Environmental Science (3)
FSE 181: Technological, Social, and Sustainable Systems (HU) (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IND 243: Design for Ecology and Social Equity (3)
SOS 111 / PUP 190: Sustainable Cities ((HU or SB) & G) (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 324: Sustainable Energy Technology and Systems (3)
SOS 465 / PUP 465: Sustainable Urbanism (3)
STS 235: Technology and Urban Systems (L) (3)

Social, Political and Economic Treatment of Natural Resources and Environment
ABS 381: Natural Resources Policy (3)
ABS 479: Ecosystem Management and Planning (L) (3)
AGB 250: Economics of Resource Allocation: Food and Agriculture (3)
AGB 414: Food and Agribusiness Policy Issues (L) (3)
AGB 452: Global Food and Agricultural Trade (3)
ASB 100: Introduction to Global Health (SB & G) (3)
CRD 301: Sustainable Communities (3)
GCU 441: Economic Geography (SB) (3)
HCI 311: Health Innovation: Foundational Concepts (3)
HCI 412: Transforming Health Care: A Systems Perspective for Innovation (3)
HCI 421: Health Care Policy: The Innovator's View (3)
HCR 230: Culture and Health (C & G) (3)
HCR 336: Environmental Community Health (3)

HCR 494: Food Safety and Protection (3)
IAS 340 / PHI 320: Bioethics (HU) (3)
IAS 409: Eco-Community Ethics (HU) (3)
NLM 410: Social Entrepreneurship (3)
PHI 306: Applied Ethics (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
PRM 340: Outdoor Survival (3)
SGS 203: Contemporary Global Trends (SB & G) (3)
SGS 303: Global Trends (SB & G) (3)
SOS 110: Sustainable World (SB) (3)
SOS 321: Policy and Governance in Sustainable Systems (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 325: The Economics of Sustainability (3)
SOS 330: Sustaining the Commons (L) (3)
STS 101: Introduction to Science, Technology and Society (SB) (3)
STS 110: Global Technology and Development (SB & G) (3)
TDM 482: Sustainable Revenue Management (3)

Upper-Division Sustainability-Related Electives -- 6 credit hours
Upper Division courses that are sustainability related and ideally make a connection between the student's major and the minor (6)

Students should consult with their major advisor for upper-division sustainability-related elective course selections. Possible courses for these electives can be explored at https://schoolofsustainability.asu.edu/degrees-programs/sustainability-courses/ (https://schoolofsustainability.asu.edu/degrees-programs/sustainability-courses/), but still need to be approved by the student's major academic advisor.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Other Enrollment Requirements: Students interested in adding a minor in sustainability should work with their major academic advisor. A student's major advisor will approve the two upper-division electives required for the minor in sustainability.

Incompatible Majors: BA in business (sustainability); BA in interdisciplinary studies with a concentration in sustainability; BS in public service and public policy (sustainability); BA in sustainability; BS in sustainability; BS in sustainable food systems

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Global Opportunities:
Global Experience:
Students may also participate in a sustainability study abroad program. More information on study abroad programs is available on the School of Sustainability study abroad webpage: https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad/).

Career Opportunities:
Knowledge and practice of sustainability complement any career path students choose, whether it's in business, technology, science, education, government or the nonprofit sector. The unique knowledge and skills gained from this transdisciplinary program enhance a student's bachelor's degree and career prospects, helping them stand out in a sea of job applicants. Students can incorporate sustainability into existing or future education endeavors to bring forth a positive change.

Contact Information:
Global Futures, College of

School of Sustainability
https://schoolofsustainability.asu.edu/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Sustainable Tourism Minor (PPTDMSMIN)

Campus: Downtown Phoenix

Description:
Students can get innovative insights on finding practical solutions for a more ethical and eco-friendly approach to travel with a minor in sustainable tourism. The minor program teaches basic concepts and theories of tourism development and management and helps students identify ways in which tourism can contribute to sustainable development, locally and globally.

Students with majors in sustainability, business and many others find this program a beneficial supplement to their existing program.

There also may be opportunities to complete a study abroad program.

Program Requirements:
The minor requires a total of 15 credit hours: 12 credit hours of required courses and one three-credit hour course from the list of electives.

Required Core Courses -- 12 credit hours
TDM 205: Introduction to Travel and Tourism (G) (3)
TDM 372: Tourism Planning (L) (3)
TDM 458: International Tourism (G) (3)
TDM 480: Sustainable Tourism (3)

Elective Course (choose one) -- 3 credit hours
TDM 448: Heritage and Cultural Tourism (3)
TDM 475: Entrepreneurial Recreation and Tourism (3)
TDM 481: Sustainable Food Management in Tourism (3)
Notes: Offered spring semester only
TDM 482: Sustainable Revenue Management (3)
Notes: Offered spring semester only
TDM 494: Special Topics (3)

Standards
1. 15 hours of graded classroom coursework (no internship, no independent study)
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor
3. should be a junior or higher to take 400-level courses
4. no double counting of courses for a major and the minor

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in tourism development and management; BS in tourism development and management (sustainable tourism); BS in tourism development and management (resort and hotel leadership); BA in business (tourism); BS in tourism development and management (meeting and events)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in sustainable tourism can find opportunities in diverse settings in a wide range of industries, including hotel

management, environmental focused and travel agencies.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Technical Communication Minor (LSTWCMIN)

Campus: Polytechnic, Online

Description:
The minor in technical communication provides a foundation in workplace-oriented communication skills that complement many majors, particularly those in engineering and other technical disciplines.

Students learn how to design, produce and manage professional documents, both print and digital, and they also strengthen their technological abilities.

Program Requirements:
The minor in technical communication requires 18 credit hours. A grade of "C" or better is required for all courses in the minor.

Required Courses -- 12 credit hours
TWC 301: Fundamentals of Writing for Digital Media (L) (3)
TWC 401: Fundamentals of Technical Communication (L) (3)
TWC 411: Principles of Visual Communication (L) or TWC 421: Principles of Web Authoring (L) (3)
TWC 431: Principles of Technical Editing (3)

Electives (choose two) -- 6 credit hours
TWC 411: Principles of Visual Communication (L) (3)
TWC 414: Visualizing Data and Information (3)
TWC 421: Principles of Web Authoring (L) (3)
TWC 422: Social Media in the Workplace (3)
TWC 435: Global Issues in Technical Communication (G) (3)
TWC 436: Project Management in Technical Communication (3)
TWC 443: Grant & Proposal Writing (3)
TWC 444: User Experience (3)
TWC 445: Content Strategy (3)
TWC 446: Technical and Scientific Reports (L) (3)
TWC 451: Copyright and Intellectual Property in the Electronic Age (3)
TWC 452: Information in the Digital Age (3)
TWC 453: Information and Communications Technology in American History (L & H) (3)
TWC 454: Information Technology and Culture (C) (3)
TWC 484: Internship (3)
TWC 494: Special Topics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (technical communication); BS in technical communication; BS in technical communication (user experience)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The technical communication minor can benefit graduates of many degree programs when they pursue careers in web development, project management and instructional design, making them more competitive in their career path.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/tech-comm
SANCA 233
CISA@asu.edu
480-727-1526

Technological Entrepreneurship and Management Minor (ESTEM2MIN)
Campus: Polytechnic, Online

Description:
The minor in technological entrepreneurship and management is available to students who are interested in advancing ideas for new or improved products or services. Students learn the range of skills needed to develop new products, services and business models as well as whole new industries.

The courses available for the minor are designed to advance entrepreneurial and systems thinking and cover a broad range of topics important to venture startups such as creativity, entrepreneurship, innovation, global impact and systems thinking.

This minor is available as either an on-campus or 100% online program.

Program Requirements:
Completion of the technological entrepreneurship and management minor requires 18 resident credit hours of the specified courses with a grade of "C" or better in each course. At least four of the six courses must be upper division.
Students may not double count any courses with other entrepreneurship certificates.

Required Courses -- 12 credit hours
FSE 301: Entrepreneurship and Value Creation (3)
TEM 230: Creativity and Business Innovation (3)
TEM 431: Innovation Management (3)
TMC 110: Understanding the Enterprise (3)

Electives -- 6 credit hours
 FSE OR   OMT OR   TEM OR   TMC Upper Division Elective (6)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BS in technological entrepreneurship and management; BAS in applied science (operations management); BS in business entrepreneurship

Other Enrollment Requirements: The technological entrepreneurship and management minor is open to non-TEM undergraduate students. TEM students are not eligible to apply for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear

on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
The technological entrepreneurship and management minor prepares students for a wide variety of career possibilities; some examples are technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

Contact Information:
Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/
WANER 240
polyadvising@asu.edu
480-727-1874

Technological Leadership Minor (LATECLDMIN)

Campus: Tempe, Online

Description:
A minor in technological leadership equips students with the skills needed to solve tomorrow's most pressing problems. Through a series of engaging and hands-on courses, students learn how to recognize and describe unsolved problems in the fields of science and technology and practice implementing creative problem-solving techniques to design potential solutions to those problems. This minor complements and enhances a student's major with key skills in collaborative research, technology design and interdisciplinary leadership.

Program Requirements:
The technological leadership minor consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses in the minor.

Inquiry Courses -- 6 credit hours
IPI 296: Inquiry (L) (3)
IPI 496: Advanced Inquiry (3)

Making Courses (choose two) -- 6 credit hours
A minimum of three credit hours must be upper division.

AME 240: Introduction to Physical Computing (3)
AME 330: Digital-Physical Systems (3)
HDA 296: Creative Futures: Studio (3)
HDA 496: Creative Futures: Advanced Studio (3)
IPI 241: Designing and Making for an Interplanetary Future (3)
IPI 441: Advanced Designing and Making for an Interplanetary Future (3)
SES 307: Space Works I: Design, Build, Test (3)
SES 407: Space Works II: Model, Fabricate, Test (3)

Leadership Courses (choose two) -- 6 credit hours
FIS 432: Problem Solving Through Strategic Thinking (3)
LSE 305: Conceptualizing Learning: Theories in Practice (3)
PSY 302: The Psychology of Positive Leadership (3)
WPC 300: Problem Solving and Actionable Analytics (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: Technological Leadership, BS

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
A minor in technological leadership supports students who are interested in emerging fields and careers that span multiple disciplines, such as:

- academic research
- education
- entrepreneurship
- management consulting
- product management
- technology transfer

Contact Information:
Liberal Arts and Sciences, The College of
Dean, The College of Liberal Arts and Sciences
https://interplanetary.asu.edu/learn
FULTN 110
TechLeadership@asu.edu
480-965-6754

Theatre Minor (FATHEMIN)
Campus: Tempe

Description:
Students pursuing the theatre minor study the literatures, histories and basic production practices of theatre while having opportunities to concentrate in an area such as:

- acting
- community engagement
- design and production
- directing
- dramatic literature
- dramaturgy
- new work development
- theatre for youth
- theatre history
- voice and movement

Program Requirements:
The school offers a minor in theatre consisting of 22 credit hours of coursework (12 credit hours must be upper division). A grade of "C" (2.00) or higher is required for all courses in the minor. All prerequisites for the minor courses must be met (see course listings).
Transfer students may transfer up to nine credit hours toward the minor.

Theatre Core -- 10 credit hours
THF 101: Acting Introduction (3)
THF 160: Introduction to Storytelling (HU) (3)
THF 215: Design and Composition for Theatre and Film (HU) (3)
THP 201: Theatre Production Crew (1)
*Students who take Acting I (THF 101 or THP 102) for their major must complete an additional course in Theatre to complete the Theatre Minor.

Theatre History -- 3 credit hours
THE 322: Theatre History and Culture (HU & H) (3)

Theatre-Related Upper Division Courses -- 9 credit hours
 THE OR   THF OR   THP Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: All theatre majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career Opportunities:
Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in theatre can help students as they pursue careers in arts administration, teaching, law, fundraising management or marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/
GHALL 232A
mdtadmissions@asu.edu
480-965-4206

Tourism Development and Management Minor (PPTDMMIN)

Campus: Downtown Phoenix, Online

Description:
The minor program in tourism development and management provides students with the planning and development skills needed to enter the largest industry in the world. Exposure to the businesses of sustainable tourism, heritage tourism and meeting and convention planning prepares students for successful careers in the fast-growing travel and tourism industry.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, communication and many others find this program a beneficial supplement to their existing program.

Having completed the minor program in tourism development and management, the student also may complete a certificate in convention sales and meeting planning. https://scrd.asu.edu/programs/certificate/convention-sales-and-meeting-planning (https://scrd.asu.edu/programs/certificate/convention-sales-and-meeting-planning)

Students also may choose to participate in a study abroad program.

Program Requirements:
The tourism development and management minor requires 15 credit hours: six credit hours of required core courses and nine credit hours of elective courses.

Required Core Courses -- 6 credit hours
TDM 205: Introduction to Travel and Tourism (G) (3)
TDM 480: Sustainable Tourism (3)

Elective Courses (choose three) -- 9 credit hours

PRM 145: Special Events Management (3)
TDM 225: Introduction to Resort and Hotel Management (3)
TDM 345: Meeting and Convention Planning (3)
TDM 350: Tourism, Recreation and Sports Marketing (3)
TDM 386: Convention Sales and Management (3)
TDM 415: Tourism Transportation Systems (3)
TDM 448: Heritage and Cultural Tourism (3)
TDM 458: International Tourism (G) (3)
TDM 483: Sports Tourism (3)
Notes: Offered during spring semester only
TDM 494: Special Topics (3)

Standards
1. 15 hours of graded classroom coursework (no internship, no independent study)
2. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor
3. students should be a junior to take 400-level courses
4. no double-counting of courses for a major and the minor

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in tourism development and management; BS in tourism development and management (sustainable tourism); BS in tourism development and management (resort and hotel leadership); BA in business (tourism); BS in tourism and recreation management

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
The minor program offers students opportunities to pursue a broad spectrum of careers in areas such as travel agencies and tour operations; front office, food and beverage and room division departments; and recreation and leisure activity coordination. Students can find various opportunities to grow, as, for instance, hotel and spa managers, sales and marketing managers, and as organizers of festivals, sports, special events and conferences.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Transborder Chicana/o and Latina/o Studies Minor (LATCLMIN)
Campus: Tempe

Description:
In the transborder Chicana/o and Latina/o studies minor, students gain general knowledge from a comparative perspective about the Chicano and Latino populations in the United States and on the U.S.-Mexico border.

The core requirements focus on these populations' cultural, economic, sociological, historical, psychological and artistic experiences. In the remaining credit hours, students may select from courses in a variety of topics including:

- community development
- diversity in education
- film and the media
- health issues
- immigration and migration
- language and bilingualism
- literature and performance
- politics and policy

Program Requirements:
The minor requires 18 credit hours of coursework, of which at least 12 credit hours must be completed at the upper-division level. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses used toward the minor.

Core Requirements -- 6 credit hours
TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) or TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) (3)
TCL 331 / HST 331: Mexican American History to 1900 (SB & H & C) or TCL 332 / HST 332: Mexican American History Since 1900 (SB & H & C) (3)

Electives -- 12 credit hours
 TCL Elective (3)
 TCL Upper Division Elective (9)
Notes: Select any TCL course except TCL 331/HST 331 or TCL 332/HST 332.

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in transborder Chicana/o and Latina/o studies (all concentrations)

Other Enrollment Requirements: None

An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
The minor in transborder Chicana/o and Latina/o studies prepares students to work with Chicano and Latino populations in many industries including:

- business
- education (administration and teaching)
- film, media and the arts
- law
- local, state and national government agencies
- nonprofit organizations
- public affairs
- public health
- public policy and administration
- social work

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/
INTDSB 165

sts.undergrad@asu.edu
480-965-5091

Urban Planning Minor (ARPUPMIN)

Campus: Tempe, Online

Description:

The urban planning minor introduces students to the field of urban, regional and environmental planning. Students in the urban planning minor are exposed to the theories, methods and practices of the profession.

Some of the content area options available to students in the urban planning minor include:

- comprehensive planning
- planning law
- public policy formulation
- site planning
- socioeconomic and environmental analyses
- sustainable planning
- urban design

Program Requirements:

The minor requires completion of 18 credit hours, of which at least 12 must be upper division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours
PUP 301: Introduction to Urban Planning (L) (3)

Urban Planning Electives -- 6 credit hours
 PUP Elective (6)

Upper-Division Urban Planning Electives -- 9 credit hours
 PUP Upper Division Elective (9)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BSP in urban planning

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:

Students who wish to gain a further understanding of their communities, from the neighborhood to the national level, can benefit from an urban planning minor. The focus of this education provides insights into how neighborhoods are created, and the effects that the planning of neighborhoods has on its residents.

Contact Information:

Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-minors-and-certificates/urban-planning

COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Urban and Metropolitan Studies Minor (PPURBMIN)

Campus: Downtown Phoenix

Description:

The minor program in urban and metropolitan studies offers students interested in the urban environment the opportunity to explore the wide variety of issues that influence the quality of life in urban communities.

Students are encouraged to learn about cities as historical, social, cultural, economic and political phenomena in order to gain a strong understanding of the complex relationships that contribute to the problems and opportunities of urban living.

The program allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from various disciplines such as planning, business, political science, nonprofit management and leadership, communication, social work, geography and many others might find this program a beneficial supplement to their existing program.

Program Requirements:

This minor requires 15 credit hours of coursework, of which at least nine credit hours must be upper division. A grade of "C" (2.00 on a 4.00 scale) or better is required in each course. A minimum of 12 hours must be completed at ASU.

Required Courses -- 6 credit hours
PAF 305: Urban Governance (3)
PAF 351: Urban and Metropolitan Studies (3)

Core Courses (choose two) -- 6 credit hours
PAF 220: Introduction to Urban America (3)
PAF 240: Urban Policy (C) (3)
PAF 302: Public Service Research Methods (3)
PAF 352: Urban Theory (3)
PAF 410: Building Leadership Skills (SB) (3)

Urban Elective (choose one course from the following subjects) -- 3 credit hours
  ASB OR COM OR CRJ OR GCU OR GPH OR HST OR MGT OR NLM OR PAF OR POS OR PRM OR SBS OR SOC OR SOS OR SWU OR TDM OR TWC OR WST Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA and BS in urban and metropolitan studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Students completing this minor are prepared to pursue a career in a field related to management and policy areas associated with towns, cities and regions. This may include opportunities as a policy analyst, entry-level manager or program coordinator in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/undergradminors

UCENT 400
spa@asu.edu
602-496-0450

Wellness Foundations Minor (ECEXWMIN)

Campus: Downtown Phoenix

Description:
The wellness foundations minor is offered to any ASU student interested in learning about optimizing personal health and wellness. Students develop a greater understanding of the behavioral, social, cultural and environmental factors that impact personal wellness behaviors and the better personal lifestyle choices that may enhance individual well-being.

Program Requirements:
The minor in wellness foundations consists of 18 credit hours, of which at least 12 credits must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 15 credit hours
EXW 215: Resistance Training and Recovery Techniques or EXW 217: Cardiorespiratory and Flexibility Training (3)
EXW 302: Fundamentals of Wellness (L) (3)
EXW 325: Fitness for Life (3)
HEP 380: Body Image and Wellness (3)
NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)

Elective Course (choose one) -- 3 credit hours
EXW 335: Physical Activity and Physiological Concepts (3)
EXW 344: Impact of Physical Activity on Health and Disease (L) (3)
EXW 400: Stress Management for Wellness (3)
EXW 425: Exercise Prescription for Health and Wellness (3)
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) (3)
NTR 345: Development of Healthy Cuisines (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: BS in clinical exercise science; BS in health sciences; BS in the science of health care delivery; BS in health sciences (healthy lifestyles and fitness science)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:
This course of study does not prepare students to pursue national certifications for professional practice in fields of study related to health, health coaching, fitness or wellness, but does allow the student to have a greater understanding of and appreciation for how they can take control of their personal well-being and lead a healthier lifestyle.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/wellness-foundations
HLTHN 401AA
chs@asu.edu
602-496-3300

Writing, Rhetorics and Literacies Minor (LAWRHLMIN)

Campus: Tempe

Description:

The minor in writing, rhetorics and literacies teaches students strategies for inquiry.

Students study the ways in which communication creates knowledge and action and how that communication is constructed, circulated, reacted to and repurposed through time and place. Through differing tools of inquiry, students explore the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

The goal of this program is to educate citizens who can create new knowledge and reason, read, write and act in robust and significant ways to meet the new challenges of the present and the future.

Program Requirements:

The minor in writing, rhetorics and literacies consists of 18 credit hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) or better to satisfy minor requirements.

Required Courses -- 6 credit hours
ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 390: Methods of Inquiry (L) (3)

Directed Electives (choose two) -- 6 credit hours
ENG 391: Writing in Context (3)
ENG 392: History of Rhetorical Theory (HU) (3)
ENG 393: Theories of Literacy (3)

Elective Minor Courses -- 6 credit hours
ENG 301: Writing for the Professions (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 338: Protest Literature (3)
ENG 370: Science, Values, and the Public (3)
ENG 371: Rhetoric of the Environmental Movement (3)
ENG 409: Analyzing Rhetoric (3)
ENG 419: Writing for Podcasts (3)
ENG 472: Rhetorical Studies (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Majors Ineligible to Add This Minor: BA in English - all concentrations

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in writing, rhetorics and literacies can benefit those who pursue careers in writing, editing or publishing.

Contact Information:

Liberal Arts and Sciences, The College of
Department of English

https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

Youth Services Leadership Minor (HSYSLMIN)

Campus: Downtown Phoenix

Description:

The minor program explores the area of youth services leadership from the perspective of those who work face-to-face with youth in a variety of settings.

It can supplement an existing degree program and expand the student's knowledge of youth services from a variety of perspectives.

Program Requirements:

The minor requires 15 credit hours: six credit hours of required courses and nine credit hours of elective courses. At least nine credit hours must be upper division.

Required Core Courses -- 6 credit hours
PRM 203: Program Planning (3)
PRM 335: Sports and Recreation for Youth Development (3)
Notes: Offered spring semester only

Elective Courses (choose three) -- 9 credit hours
CRD 302: Inclusive Community Development (SB & C) (3)
CRJ 204: Juvenile Justice (3)
CRJ 462: Gangs (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 310: Volunteer Management (3)
NLM 451: Grant Writing (3)
Notes: Offered fall semester only
PRM 145: Special Events Management (3)
PRM 364: Foundations of Recreation Therapy (SB) (3)
PRM 455: Recreational Therapy and Play with Children, Youth and Families (3)

Standards
1. 15 hours of graded classroom coursework (no internship, no independent study)
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor
3. should be a junior to take 400-level courses
4. no double counting of courses for a major and the minor

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in parks and recreation management (therapeutic recreation); BS in community sports management; BS in recreation therapy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career Opportunities:

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in youth services leadership can help students as they pursue careers in youth services or as family resource coordinators.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Undergraduate Programs

Undergraduate Certificates (Program Descriptions and Requirements)

Actuarial Science Certificate (LAACTCERT)

Campus: Tempe

Description:

Actuarial science is an area of mathematical and statistical science that requires expertise in specializations of probability and interest theory, coupled with a strong foundation in accounting, finance and economics.

This certificate provides students with preparation for professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society.

Program Requirements:

The certificate requires a minimum of 18 credit hours, of which at least 12 credit hours must be upper division. Specific minimum course grades are required for each course, see notes below.

Required Courses -- 12 credit hours
ACT 201: Introduction to Elements and Techniques of Actuarial Science (3)
ACT 410: Mathematics of Finance (3)
ACT 415: Probability for Risk Management (3)
ACT 440: Single Life Mortality or ACT 450: Actuarial Models (3)
A grade of "B" (3.00 on a 4.00 scale) or better is required for ACT 201, ACT 410 and ACT 415. A grade of "C" (2.00 on a 4.00 scale) or better is required for ACT 440 or ACT 450.

Electives (choose two courses) -- 6 credit hours
ACT 420: Ratemaking and Reserving (3)
ACT 430: Mathematics of Financial Derivatives (3)
ACT 435: Statistics for Risk Modeling (3)
ACT 440: Single Life Mortality (3)
ACT 441: Long-Term Actuarial Mathematics (3)
ACT 450: Actuarial Models (3)
ACT 451: Short-Term Actuarial Mathematics (3)
A grade of "B" (3.00 on a 4.00 scale) or better is required in the following courses: ACT 420, ACT 430, ACT 435.
A grade of "C" (2.00 on a 4.00 scale) or better is required in the following courses: ACT 440, ACT 441, ACT 450, ACT 451.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Although no specific degree is required for admission to the actuarial science certificate program, a strong mathematical background is essential (found in majors such as mathematics, statistics, engineering and natural sciences). Students with a major or degree other than those listed will require additional preparation beyond the certificate. Students are required to have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") and grades of "B" or better in courses of multivariate calculus, linear algebra and introductory statistics at ASU or an equivalent institution.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Risk is a part of daily life and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health and to ensure organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants. Graduates with a certificate in actuarial science possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities

- consulting firms
- energy, such as utilities, oil and gas
- environment (on issues such as climate change and the financial impact or risk of extreme events)
- financial services, such as banking and investment management
- government agencies such as Social Security, the Department of Labor and Medicare (to manage social programs and to develop regulations and legislation)
- insurance companies
- retirement and pensions
- transportation, such as shipping and air travel

Students can also apply the advanced problem-solving skills learned in the actuarial science certificate program to a variety of other professional careers, including:

- analysts
- business operations specialists
- consultants
- teachers

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/
WXLR A208
math@asu.edu
480-965-7195

African and African American Studies Certificate (LAAFRCERT)

Campus: Tempe

Description:
The certificate program in African and African American studies examines the culture, arts, history, politics, economics and current status of Africans, African Americans and the larger African diaspora, especially in Central America, South America and the Caribbean.

The goal is to prepare students for lifelong learning, advanced study in a variety of fields, successful careers and productive public service in an increasingly diverse society.

Program Requirements:
The certificate consists of 15 credit hours, at least 12 of which must be completed at the upper-division level. All courses used toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Core Course -- 3 credit hours
AFR 200: Introduction to Africana Studies (SB & G & H) (3)
AFR 210: Introduction to African American Studies (C) (3)

Elective Core Course -- 3 credit hours
AFR 300: Precolonial Africa (SB & G & H) (3)
AFR 301: Race and Racism in Africa/African Diaspora (SB & G) (3)
AFR 370 / FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)
AFR 375: Race, Gender and Sport (SB & C) (3)

Three Content Courses (from following list) -- 9 credit hours
AFR 336 / ASB 336: African Art (HU & G) (3)
AFR 340: The Making of Modern Africa (SB & G & H) (3)
AFR 345 / JUS 345: Peoples and Cultures of the Caribbean (SB & G & H) (3)
AFR 350 / APA 350 / CDE 350 / SOC 350 / TCL 360 / JUS 365: Inequality and Diversity in Education (L & C) (3)
AFR 352 / APA 352 / JUS 353: Borders, Prisons and Suburbs (SB & C) (3)
AFR 353 / AMS 353 / ENG 353 / ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
AFR 354 / AMS 354 / ENG 354 / ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
AFR 363 / HST 333: African American History to 1865 (SB & H & C) (3)
AFR 364 / HST 334: African American History Since 1865 ((HU or SB) & C & H) (3)
AFR 365 / WST 364: Unruly Voices: Black Women and Cultural Narratives (HU & C) (3)
AFR 366 / ASB 366: African Archaeology: Precolonial Urban Culture (SB & H) (3)

AFR 372 / REL 362 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)

AFR 373 / REL 363: Islam and World Affairs (G) (3)

AFR 420 / JUS 421: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)

AFR 459 / ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G) (3)

AFR 466 / ASB 466: Peoples and Cultures of Africa (SB & G) (3)

AFR 470 / WST 471: Women's International Human Rights (3)

AFR 480 / REL 461 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)

Other courses may be used with approval from an academic advisor in the School of Social Transformation

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- Demonstrate an understanding of the myriad local variations within the global scope of the African diaspora
- Explain the practical and experimental value and benefit of interdisciplinarity.

Career Opportunities:
Students can advance their career options with an undergraduate certificate. By adding this specialization in African and African American studies as a complement to their major program of study, students will become more attractive to employers.

Graduates who have completed this undergraduate certificate often decide to pursue employment in education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

American Indian Nation Governance Certificate (LAAIGVCERT)

Campus: Tempe

Description:
In the American Indian nation governance certificate, students develop knowledge about and insight into government and governance in Native American communities. The curriculum covers themes such as the history, policies and sovereign status of American Indians, and the legal relationships between the Native American nations and state governments as well as the U.S. federal government.

Program Requirements:
The certificate in American Indian Nation governance requires completion of 15 credit hours (12 of which must be upper division and nine of which must be taken from The College of Liberal Arts and Sciences). Students complete six credit hours of American Indian studies and six credit hours of political science. An additional three credit hours are selected from the approved list of AIS and POS policy and applied courses, including an optional internship. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher for use in the certificate.

AIS Core Courses (choose two) -- 6 credit hours
AIS 180: Introduction to American Indian Studies (C) (3)
AIS 380: Contemporary Issues of American Indian Nations (C) (3)
AIS 470: Tribal Governance (3)

POS Core Courses (choose two) -- 6 credit hours

POS 310: American National Government (SB) (3)
POS 325: Public Policy Development (SB) (3)
POS 346: Problems of Democracy (HU) (3)
POS 368: Ethics and Human Rights (3)
POS 370: Law and Society (SB) (3)
POS 439: Minority Group Politics in America (SB & C) (3)

AIS or POS Policy and Applied Course (choose one) -- 3 credit hours
AIS 394: Reservation Economic Development (3)
AIS 445: American Indian Leadership and Resistance (SB & H & C) (3)
AIS 455: Human Rights and Cultural Resource Laws (3)
AIS 484: Internship (3)
AIS 494: American Indian and Indigenous Rights (3)
AIS 494: American Indian Rights (3)
AIS 498: Pro-Seminar (L) (3)
POS 484: Internship (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who combine the certificate in American Indian nation governance with their major program of study may increase their marketability to employers.

Those completing this certificate program are better prepared to work with Indian nations, federal and state agencies, and nonprofit organizations, regardless of their academic major or final career path.

Contact Information:
Liberal Arts and Sciences, The College of
American Indian Studies Program
https://americanindian.asu.edu/degree/certificate/certificate-am-indian-nation-governance
DISCVRY 356
AIS@asu.edu
480-965-3634

Analysis and Management of Insurance Risk Certificate (LAAMIRCERT)
Campus: Tempe

Description:
Risk management is the identification, assessment and prioritization of risks that is followed by coordination and economic application of resources to minimize risk and monitor the probability and impact of unfortunate events or to maximize the realization of opportunity. The objective of risk management is to assure uncertainty does not deflect the endeavor from the business goals.

The certificate program helps students become well-rounded business assessors of risk, ready to utilize their knowledge of mathematics, statistics, economics, marketing, business, finance and accounting in an insurance career.

Program Requirements:
The certificate requires 15 credit hours from the approved course list below, with the only required course being ACT 301.

Required -- 3 credit hours
ACT 301: Risk Management and Insurance (SB) (3)

Electives (choose four) -- 12 credit hours
ACT 201: Introduction to Elements and Techniques of Actuarial Science (3)
ACT 302: Fundamentals of Enterprise Risk Management (3)

ACT 320: Property and Casualty Insurance (3)
ACT 330: Life and Health Insurance (3)
ACT 370: Software Tools for Business Analytics (3)
ACT 484: Internship (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students must hold a minimum GPA of 2.50 to pursue this certificate and have completed the following prerequisite courses at ASU or an equivalent institution with a grade of "C" or better (scale is 4.00 = "A"):

CIS 105 Computer Applications and Information Technology or equivalentECN 211 Macroeconomic Principles or ECN 212 Microeconomic PrinciplesMAT 210 Brief CalculusSTP 226 Elements of Statistics or ECN 221 Business Statistics

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student. Applicants should contact the unit for additional information.

Career Opportunities:
Risk is a part of daily life and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health, and to ensure organizations conform to stringent, complex legal mandates. Others help companies establish retirement plans or are employed as consultants. Graduates with a certificate in analysis and management of insurance risk possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy, such as utilities, oil and gas
- environment (on issues such as the financial impact of climate change or risk of extreme events)
- financial services, such as banking and investment management
- government agencies such as Social Security, the Department of Labor and Medicare (to manage social programs and to develop regulations and legislation)
- insurance companies
- retirement and pensions
- transportation, such as shipping and air travel

Students can also apply the advanced problem-solving skills learned in the analysis and management of insurance risk certificate program to a variety of other professional careers, including:

- analysts
- business operations specialists
- consultants
- teachers

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu/
WXLR 208
math@asu.edu
480-965-7195

Applied Business Data Analytics Certificate (BABDACERT)

Campus: Tempe, Online

Description:
The certificate in applied business data analytics is for students who are interested in practical uses for computer-based tool suites that are capable of managing vast amounts of data. Students learn sophisticated but easy-to-use means of managing and analyzing such data. They leverage the tools for making good decisions about projects, process designs and fundamental tasks.

Exposure to predictive analytics and modeling, big data techniques, and visualization provides significant insight into the advanced uses of the computer-based tools. Critical thinking is an important skill and mindset that is required for establishing and evaluating evidence-based benchmarks for making good decisions leading to high-quality outcomes.

Program Requirements:
The certificate in applied business data analytics requires 18 credit hours and is available to all majors. At least 12 credit hours must be upper division.
To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.

Required Courses -- 18 credit hours
CIS 105: Computer Applications and Information Technology (CS) (3)
CIS 308: Advanced Excel in Business (3)
CIS 309: Business Process Management (3)
CIS 310: Business Data Visualization (3)
CIS 405: Business Intelligence (3)
Any Statistics Course or CIS 394: Location Analytics for Business (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
ASU degree-seeking students

The applied business data analytics certificate is open to all ASU students.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

Nondegree-seeking students

This certificate is available through the Pathways for the Future program: https://pff.asu.edu/ (https://pff.asu.edu/) Applicants without a bachelor's degree are eligible to apply for, and receive, this certificate, through the Pathways for the Futures program. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-applied-business-data-analytics/)

Career Opportunities:
Students can advance their career options with an undergraduate certificate. By adding this specialization as a complement to their major program of study, students will become more attractive to future employers.

Graduates with this certificate often decide to pursue employment in management, business analysis or marketing. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of
Department of Information Systems
https://wpcarey.asu.edu/undergraduate-degrees/business-analytics-certificate
BAC 601
wpcareyis@asu.edu
480-965-3252

Applied Cybersecurity Certificate (ASACSCERT)
Campus: Polytechnic, Tempe, West

Description:
The applied cybersecurity certificate program is designed to build competencies in security operations, risk assessment, network security, and governmental and regulatory compliance in an interdisciplinary learning setting. Building upon core skills that students bring with them from their majors, students practice dealing with cyber threats and resolving issues from multiple perspectives.

The program is offered through a collaboration between the New College of Interdisciplinary Arts and Science, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Program Requirements:
The certificate in applied cybersecurity consists of 15 credit hours; a minimum of 12 upper-division credit hours must be earned at ASU. Six credit hours must be unique and not count towards a student's undergraduate degree. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better. Students must select courses from more than one subject to fulfill certificate requirements.
Students must take CSE 365 or IFT 202 and one course each from groups A, B or C, and D; then one course from Group E for a total of five courses or 15 credit hours. It is recommended that the Group A course be taken concurrently with CSE 365 or IFT 202. The Group B or C and D courses must be taken after successful completion of CSE 365 or IFT 202. Group A through D courses must be completed successfully before enrolling in the Group E required course.

Required Courses -- 3 credit hours
CSE 365: Information Assurance or IFT 202: Foundations of Information and Computer System Security (3)

Electives -- 12 credit hours

Group A - Security Operations and Risk Management -- 3 credit hours
ACO 461: Security Operations (3)
CIS 401: Managing Cyber Risks in Enterprise Business Processes (3)
IFT 381: Information System Security (3)

Group B - Systems and Network Security OR Group C - Forensics/Cyber Crime -- 3 credit hours
Group B - Systems and Network Security:
ACO 431: Network Security (3)
CSE 466: Computer Systems Security (3)
CSE 468: Computer Network Security (3)
IFT 458: Middleware Programming and Database Security (3)
IFT 475: Security Analysis (3)

Group C - Forensics/Cyber Crime:
CSE 469: Computer and Network Forensics (3)
FOR 350: Computer Forensics (3)
IFT 482: Network Forensics (3)

Group D - Policy -- 3 credit hours
ACO 351: Governance, Risk and Compliance (3)
CIS 402: Privacy, Ethics and Compliance Issues (3)
CSE 467: Data and Information Security (3)
IFT 483: Developing Security Policy (3)

Group E - Project -- 3 credit hours
Students may take more than one semester of the Applied Project but only three credit hours will count towards the certificate.
ACO 484: Internship or ACO 499: Individualized Instruction (3)
CIS 440: Capstone in Information Systems (L) (3)
CSE 485: Computer Science Capstone Project I (L) or CSE 486: Computer Science Capstone Project II (L) (3)
IFT 401: Information Technology Capstone Project I or IFT 402: Information Technology Capstone Project II (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
To enroll in this certificate program, students should have completed at least 45 credit hours in their declared majors and have a cumulative GPA of 2.00 or better.

Students should pay attention to the prerequisites needed for required certificate courses and make sure to complete prerequisite courses prior to enrolling in the certificate program.

CSE 365 Information Assurance has prerequisites of ACO 240, CIS 235, CIS 236, CSE 220 or CSE 240.
Prerequisites for ACO 240: ACO 102 or CSE 205, or GIS major with GIS 222, or software engineering graduate student
Prerequisites for CIS 235: CIS 105, 200 or 220; MAT 210, 211, 270 or 271

Prerequisites for CSE 220: CSE 205
Prerequisites for CSE 240: ACO 102 or CSE 205, or GIS major with GIS 222, or software engineering graduate student

IFT 202 Foundations of Information and Computer System Security has prerequisites of IFT 101, IFT 103 and IFT 166.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This certificate is an ideal supplement for students interested in careers in cybersecurity in both the private sector and within government agencies (FBI, Homeland Security, NSA, DOD). The certificate in applied cybersecurity provides a solid background for students interested in the following careers:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/applied-cybersecurity-certificate
FAB N100
MNSadvising@asu.edu
602-543-3000

Applied Social Sciences Certificate (ASAPSSCERT)
Campus: West

Description:
The certificate program in applied social sciences prepares students to apply social science tools to practical problems. Through collaboration, students develop case studies, engage in fieldwork, and learn both how to apply expert knowledge and how to communicate evidence. Working with stakeholders, students identify and solve problems, reform managerial structures and organizational systems, and drive social change.

Program Requirements:
The certificate in applied social sciences requires a minimum of 15 credit hours (at least 12 must be upper division), consisting of six core credit hours and nine credit hours of electives. Six credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of three credit hours of individualized instruction or internship may be applied toward the certificate. A maximum of six credit hours may be shared between the certificate and a New College major.
Electives are not limited to the certificate elective list; students should see their academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline. Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.

Required Core Courses -- 6 credit hours
SBS 304: Social Statistics I (CS) or SBS 404: Social Statistics II: Multivariate Analysis (CS) (3)
SOC 331: Environmental Sociology (SB & G) (3)

Electives (minimum six upper-division credit hours) -- 9 credit hours
Students will select nine credit hours from courses where an applied project is assigned within a specific context. Selected courses must come from at least two of the following prefixes: ASB, JHR, POS, SBS or SOC.

ASB 339 / SBS 339 / POS 339 / SOC 339: Grassroots Social Movements (SB) (3)
ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
ASB 394 / JHR 394 / POS 394 / SBS 394 / SOC 394: Special Topics (3)
ASB 442 / SBS 460: Global Cities (SB & G) (3)
ASB 484 / JHR 484 / POS 484: Internship or SBS 484: Internship or SOC 484: Internship (3)
ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494: Special Topics (3)
ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499: Individualized Instruction (3)
GCU 373: Introduction to Geographic Information Science (SG) (4)

JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)
POS 150: Comparative Government (SB & G) (3)
POS 350: Comparative Politics (SB & G) (3)
SOC 241: Modern Social Problems (SB) (3)
SOC 331: Environmental Sociology (SB & G) (3)
SOC 371: Inequality and Sustainability (3)
SOS 111: Sustainable Cities ((HU or SB) & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate program is recommended for students with academic or career interests in human resources, administration, journalism, social work, business, community and civic work as well as politics, organizing and advocacy, public policy, education and sustainability. Graduates may find employment in positions such as research specialist, research project manager, human resources manager or assistant, recruiter, education or social worker.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/applied-social-sciences
FAB N100
sbsadvising@asu.edu
602-543-3000

Arabic Studies Certificate (LAARBCERT)
Campus: Tempe

Description:
The certificate program in Arabic studies provides students with skills that enable them to communicate effectively in Arabic in the four areas of language acquisition: listening, reading, speaking and writing.

Simultaneously, students gain broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world. The program provides critically needed educational and cultural diversity that enriches students' undergraduate experiences and prepares them for life as employees and employers.

Graduate students in the liberal arts, social sciences and humanities seeking academic or professional careers in any of the three disciplines also benefit from this certificate because of the added advantage the program gives them in the job market, given the demonstrably high need for graduates with knowledge of the Arabic language.

Program Requirements:
The Arabic studies certificate requires students to complete 18 credit hours of upper-division coursework. A grade of "C" (2.00 on a 4.00 scale) or better is required for each course.

Arabic Core (choose three) -- 9 credit hours
ARB 311: Advanced Arabic Skills I or ARB 411: Advanced Arabic Skills II (G) (3)
ARB 321: Arabic Conversation I or ARB 421: Arabic Conversation II (3)
ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 341: Quran Text and Women (HU & H) or ARB 351: Classical Arabic Literature (HU & G) (3)
ARB 352: Modern Arabic Literature in Translation (HU & G) or ARB 422: Advanced Arabic Media (G) (3)

Elective Courses (choose three) -- 9 credit hours
Some courses can be used either as a core course or as an elective, but no course can be counted more than once toward certificate requirements.

ARB 321: Arabic Conversation I (3)

ARB 335: Arabic Culture and Islam (G) (3)

ARB 336: Introduction to the Qur'an (G) (3)

ARB 337: Hadith and Prophetic Tradition (HU & H & G) (3)

ARB 340: Arabic Translation (3)

ARB 341: Quran Text and Women (HU & H) (3)

ARB 351: Classical Arabic Literature (HU & G) (3)

ARB 352: Modern Arabic Literature in Translation (HU & G) (3)

ARB 360: Islamic Philosophical Literature (3)

ARB 421: Arabic Conversation II (3)

ARB 422: Advanced Arabic Media (G) (3)

ARB 427: Arabic Prose: Reading the Arabian Nights (3)

ARB 428: Arab Women's Writing (HU & G) (3)

GCU 328: Geography of Middle East and North Africa (SB & G) (3)

HST 307: Studies in African History (H) (3)

HST 372: Modern Middle East (SB & G & H) (3)

REL 365: Islamic Civilization (HU & H) (3)

REL 366: Islam in the Modern World (HU & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student accepted into an appropriate degree program at ASU can declare the certificate in Arabic studies. Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates who have combined the certificate in Arabic studies with their major program of study may be more marketable to employers. They often decide to pursue employment in education, political analysis, the military, tourism and hospitality, or marketing.

Contact Information:

Liberal Arts and Sciences, The College of

School of International Letters and Cultures

https://silc.asu.edu/degree/certificate/certificate-arabic-studies-cert

DH 131

silcadvising@asu.edu

480-965-6281

Arts Entrepreneurship Certificate (HITHAECERT)

Campus: Tempe

ASU is not currently accepting applications for this program.

Description:

Arts entrepreneurship is an emerging transdisciplinary field that harnesses the skills and mindset of the entrepreneur to empower artists to create work that is meaningful, sustainable and oriented to community and market need. Students across art, dance, design, film, music and theatre disciplines benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

Program Requirements:

The undergraduate certificate in arts entrepreneurship consists of 15 credits. A grade of "B" or better is required in HDA 252 and a grade of "C" or better is required in all other courses.

Core -- 3 credit hours

HDA 252: Foundations Arts and Design Entrepreneurship (3)

Arts Business Course (select two) -- 6 credit hours
ARA 396: Professional Practices for Design and the Arts (3)
ARA 460: Gallery Exhibitions (3)
DSC 394: Design Entrepreneurship & Society (3)
ENT 305: Principles of Entrepreneurship (3)
FMP 417: Business and Legal Practices in Entertainment (3)
HDA 420: Design and the Arts Business Administration (3)
MUP 438: The Enterprising Musician (3)
NLM 451: Grant Writing (3)
THP 351: Arts Management (3)
THP 450: Theatre Organization and Management (3)

Arts Policy, Community or Social Engaged Arts Course (select two) -- 6 credit hours
ARS 441: Public Art (3)
ART 442: Art and Community (3)
DCE 494 / HDA 494 / THP 494: The Atlas of Creative Tools (3)
DSC 494: Indigenous Architecture, Planning and Construction (3)
DSC 494: Indigenous Project Delivery (3)
EDS 301: Sustainable Community Design and Practices (HU) (3)
HDA 310: Socially Engaged Practice (3)
HDA 394: Disrupt, Create, Sustain (3)
HDA 494: Civic Body: Art and Public Health (3)
HDA 494: Civ Prac: Artists&Designers Collaborating/Comm (3)
HDA 494: Civic Practice:Arts/Design & Public Partnerships (3)
HDA 494: Creative Facilitation: Collaboration, Imagination (3)
HDA 494: Creative Project Management (3)
MUP 439: Music Product Creation and Development (3)
NLM 410: Social Entrepreneurship (3)
THP 482: Theatre for Social Change (C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in arts entrepreneurship, meant to extend the study of an individual arts discipline, is available only to current students with a major within the Herberger Institute for Design and the Arts.

Students may be admitted to the certificate program upon completion of HDA 252 Foundations Arts and Design Entrepreneurship with a grade of "B" or better (scale is 4.00 = "A") and an overall GPA of 3.00 or higher. Students must submit an application to the Herberger Institute Office of Student Success. Herberger Institute students meeting the course and GPA requirements may enroll in the certificate, and a Herberger Institute advisor will add the certificate plan code to the student's record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate in arts entrepreneurship provides an excellent foundation for those who want to work in arts management and provides each student the unique opportunity to explore their own creative process and ability to collaborate with others. Additionally, the program's liberal arts emphasis prepares graduates for a variety of careers.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
http://musicdancetheatre.asu.edu/
CDS 101D
mdtadmissions@asu.edu
480-965-4495

Arts and Humanities in Games Certificate (ASAHGCERT)
Campus: West

Description:
The certificate program in arts and humanities in games trains students to design, develop, create and analyze games from holistic and interdisciplinary perspectives and to understand the utilization, consumption and real world impact of games in a diverse culture and society.

The goal is to make students' minds more supple, critical in thinking and expansive, through an interdisciplinary approach that encompasses the design and development of toys and games as well as the qualitative study of them. The interdisciplinary approach helps students understand the impact of play on human mental, emotional and social growth.

This program, through foregrounding arts and humanities in the study of games, provides a complementary approach to the technically based study of games offered by the ASU Ira A. Fulton Schools of Engineering.

Program Requirements:
The certificate in arts and humanities in games consists of 18 credit hours; a minimum of 12 credit hours must be upper division. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. All courses used to fulfill the requirements for the certificate must be passed with a "C" (2.00) or better.
The certificate consists of six credit hours of required foundational courses, and nine credit hours from one of the following game emphasis areas: Toys and Games as Works of Art (Art Game Practitioner); Toys and Game Culture (Research Scholar); Game Writing (Game Design Practitioner); or Game Sound (Game Design Practitioner); and three credit hours of playworks portfolio.

Required Foundational Courses -- 6 credit hours
IAP 220: Introduction to Game Studies (3)
IAP 222: Games and Ethics (HU) (3)

Game Emphasis Area -- 9 credit hours
Students must take two required courses and one elective from their selected emphasis area below. (9)

Toys and Games as Works of Art (Art Game Practitioner) Emphasis Area
Required:
IAP 362: Games and Narratology (3)
IAP 462: Games and Play (3)
Electives:
IAP 352: Seeing and Drawing (3)
IAP 354: Visual Representation (3)
IAP 361: Digital Editing and Media Literacy (CS) (3)
IAP 366: 3D Modeling and Media Literacy (3)

Toys and Game Culture (Research Scholar) Emphasis Area
Required:
ENG 441: Introduction to Participatory Media (3)
IAP 462: Games and Play (3)
Electives:
COM 312: Communication, Conflict, and Negotiation (3)
COM 324: Rhetoric and Media Criticism (3)
COM 416: Gender and Race in the Media (3)
COM 429: Semiotics and Visual Communication (3)
ENG 449: Masculinities, Femininities and Literacies (3)
IAP 464: Media and Diversity (HU & G) (3)

Game Writing (Game Design Practitioner) Emphasis Area
Required:
FMS 394: Video Games and Narrative or IAP 494: Scriptwriting for Games (3)
IAP 362: Games and Narratology (3)
Electives:
ENG 379: Travel Writing (L) (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
IAP 462: Games and Play (3)

Game Sound (Game Design Practitioner) Emphasis Area
Required:
IAP 362: Games and Narratology (3)
IAP 421: Composition: Process, Technique, and Style II or IAP 469: Advanced Audio Production (3)
Electives:

IAP 322: Multitrack Digital Recording (3)
IAP 325: Sound Performance: Exploring Alternative Performance Groups (3)

Portfolio -- 3 credit hours
IAP 496: Playworks Portfolio (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate in art and humanities in games is appropriate for students seeking employment as video game designers, software applications developers, computer programmers, multimedia artists and animators and digital media specialist.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/arts-and-humanities-in-games
FAB N100
HARCSadvising@asu.edu
602-543-3000

Arts in Education Certificate (HIAEDCERT)

Campus: Tempe

Description:
The certificate program on arts in education and recreation is specifically designed for prospective preK-8 educators and recreation specialists who wish to enhance their facilitation practices by developing the necessary skills to use the arts throughout their programming and curriculum. This certificate program does not lead to any official teaching certificate or endorsement through Arizona Department of Education. Instead, it is designed to help educators use the arts in their regular teaching practice.

By weaving the principles and practices of the arts and other disciplinary curricula together, teachers can create rich and engaging environments that enhance student learning by capitalizing on the critical thinking, communication, collaboration and creativity inherent in the arts and arts experiences.

Program Requirements:
The certificate in arts in education requires 18 credit hours (including 12 credit hours of upper-division courses). All upper-division courses must be completed with a minimum grade of "C" (2.00).

Arts Education Lower-Division Core -- 6 credit hours
ARA 195: Art in My World (HU) (3)
ART 110: Drawing as Seeing and Thinking (HU) (3)
FMP 222: Education in Film (L) (3)
MUS 210: The Arts Around Us (HU) (3)
MUS 211: Dance, Music and Meaning (HU) (3)
MUS 212: Music, Meaning and Imagination (HU) (3)
MUS 213: Critical Thinking in the Arts (HU) (3)
MUS 214: Art, Music and Learning (HU) (3)
THP 212: Puppetry with Children (3)

Arts Education Upper-Division Core -- 9 credit hours
ARA 311: Art Appreciation and Human Development (HU) (3)
ARE 301: Studio Art and Human Development (3)
ARE 494: Special Topics (3)
DCE 350: Dance in the Classroom: Learning Through Movement (HU) (3)
MUE 310: Music in Early Childhood (HU) (3)

MUE 311: Music in the Lives of Children and Youth (HU) (3)
THP 311: Creative Drama with Youth (L) (3)

Arts Elective Course -- 3 credit hours
Some courses are fewer than three hours and may be repeated for credit.

ARS 300: Introduction to Art (HU) (3)
DCE 300: Dancing Histories (HU) (3)
DCE 301: Dance Analysis and Theory (L or HU) (3)
DCE 303: The Body Condition(ed) (SB) (3)
DCE 402: Ethnography of Dance Practices (L) (3)
DCE 404: Dance and Ethics (L) (3)
DCE 405: Writing the Creating Body (L or HU) (3)
MUP 442: Instrumental Ensembles (1-2)
MUP 443: Choral Ensembles (1-2)
MUP 444: Maroon and Gold Concert Bands (1)
MUP 450: Choral Union (1-2)
MUP 455: Arizona Statesmen (1-2)
MUP 457: Sol Singers (1)
MUP 459: Barrett Choir (1-2)
MUP 489: Ethnomusicology Ensembles (1)
MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) (3)
MUS 347: Jazz in America (HU & C) (3)
MUS 354: Jazz Giants (3)
MUS 355: American Music (HU & C & H) (3)
MUS 356: Broadway and the American Musical (HU) (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
MUS 494: Special Topics (1-4)
THE 322: Theatre History and Culture (HU & H) (3)
THP 411: Methods of Teaching Drama (4)
THP 482: Theatre for Social Change (C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This program can add richness and depth to a student's program of study that is applicable to multiple careers including:

- community engagement
- dementia care
- education and teaching
- nursing
- recreation

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://herbergerinstitute.asu.edu
CDS 101
HerbergerAdmissions@asu.edu
480-965-4495

Asian Pacific American Studies Certificate (LAAPACERT)
Campus: Tempe

Description:

Asian Pacific American studies educates students in social justice, the global causes and impacts of Asian and Pacific Islander migration, relational and comparative racial formations, and ethnic studies movements that have made and continue to make a difference in society for all people.

Topics include diaspora, globalization, U.S imperialism and settler colonialism, social networks, immigration, interracial and interethnic relations, and health and well-being of Asian Pacific American families and communities. The certificate program provides students with the opportunity to work with a dedicated faculty committed to community-engaged research and student-centered learning.

The Asian Pacific American studies program is housed in ASU's interdisciplinary School of Social Transformation, the only school of its kind in the United States.

Program Requirements:
The certificate consists of 18 credit hours, of which at least 12 must be completed at the upper-division level. Nine credit hours of core coursework are required and the remaining nine credit hours are selected from any of the courses with an APA subject. At least nine credit hours must be taken in residency at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Core Courses -- 9 credit hours
APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) (3)
APA 360: Asian Pacific American Experience ((HU or SB) & C) (3)
APA 484: Internship (3)
*One APA 360 course is required for the core. The course may be repeated for credit with these different topics: Chinese American; Filipino American; Japanese American; Multiracial Experiences; Pacific Islander.

Electives -- 9 credit hours
 APA Elective (3)
 APA Upper Division Elective (6)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
 •Perform critical analysis of a historical or contemporary issue affecting the Asian Pacific American population drawing upon key concepts in the field of Asian Pacific American Studies.
 •Summarize a range of Asian American and Pacific Islander experiences and communities within local, national and global contexts. /

Career Opportunities:
Graduates who have combined the certificate in Asian Pacific American studies with their major program of study may be more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Asian Studies Certificate (LAASNCERT)
Campus: Tempe

Description:

The Asian studies certificate supplements a bachelor's degree, providing students with knowledge of an Asian language as well as general knowledge of Asian history, art, culture and society.

Graduates possess official transcript recognition of specialization in Asian studies.

Program Requirements:
The certificate requires 24 credit hours of approved coursework, in addition to proficiency in an Asian language. Fifteen credit hours of upper-division area studies coursework must be chosen from at least four different disciplines, e.g., language and cultures, history, religious studies, anthropology, geography, political science, global studies, art and music. Courses from other disciplines may be used by approval. The remaining nine credit hours may be chosen in any combination.
At least six upper-division hours in the certificate must be in courses offered by The College of Liberal Arts and Sciences. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course that is used to fulfill the certificate requirements.

Language Requirement
Students must demonstrate proficiency in an Asian language by completing the 201 and 202 course sequence, one year of study abroad at the intermediate level or satisfactory performance on a proficiency exam. Asian languages include Chinese, Hindi, Indonesian, Japanese, Korean, Thai, and Vietnamese.

Disciplinary Electives -- 24 credit hours
Upper Division Disciplinary Electives (15)
At least four different disciplines must be represented within the upper-division disciplinary electives (e.g., history, religious studies, global studies, anthropology). Crosslisted courses will only apply to the certificate under one discipline; students may choose the discipline that is most advantageous.

Disciplinary Electives (9)
Students select the remaining disciplinary electives from the lists below in any combination.

Anthropology
ASB 325: Peoples of Southeast Asia (G) (3)

Art History
ARS 201: Art of Asia (HU & H & G) (3)
ARS 444: Films of India (3)
ARS 472: Art of China (HU) (3)
ARS 473: Art of Japan (HU) (3)
ARS 475: Chinese Painting (HU) (3)

Cultural Geography
GCU 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
GCU 326: Geography of Asia (SB & G) (3)
GCU 432: Geography of China (SB & G) (3)
GCU 433: Geography of Southeast Asia (3)

Dance
DCE 114: Dances of India I (2)

Film and Media Studies
FMS 426: Films of India (3)

Global Studies
SGS 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
SGS 245: Introduction to India and South Asia (HU & H & G) (3)
SGS 381: Modern Southeast Asia (SB & G & H) (3)

History
HST 106: Asian Civilizations ((HU or SB) & G & H) (3)
HST 108: Introduction to Japan (SB & G & H) (3)
HST 111: Introduction to Asia (HU & H & G) (3)
HST 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
HST 245: Introduction to India and South Asia (HU & H & G) (3)
HST 302: Envisioning Peace (3)
HST 302: Women, War and Peace (3)
HST 303: Studies in Asian History (3)

HST 336: Islamic Civilization (HU & H) (3)

HST 339: Islam in the Modern World (HU & G) (3)

HST 383: China (SB & H) (3)

HST 384: Modern China: 1700 to the Present (SB & G & H) (3)

HST 385: History of Chinese Medicine (HU & H & G) (3)

HST 386: Interpreting China's Classics ((L or HU) & H) (3)

HST 387: Japan ((L or SB) & H) (3)

HST 388: Japan (SB & G & H) (3)

HST 389: Japan Society and Values/Premod (3)

HST 391: Modern Southeast Asia (SB & G & H) (3)

HST 392: Modern India (3)

HST 451: Chinese Cultural History I ((HU or SB) & H) (3)

HST 452: Chinese Cultural History II (SB & G & H) (3)

HST 456: The Vietnam War (SB & G & H) (3)

HST 459: Gandhi and the Politics of Nonviolence (3)

Language and Cultures

CHI 120 / SLC 120: Introduction to Chinese Culture (L or HU) (3)

CHI 205: Chinese Calligraphy (1)

CHI 307: Introduction to Literary Chinese I (HU) (3)

CHI 308: Introduction to Literary Chinese II (HU) (3)

CHI 321: Chinese Literature (HU) (3)

CHI 322: Chinese Literature (HU & G) (3)

CHI 333 / SLC 333: China (SB & H) (3)

CHI 336 / SLC 336: Interpreting China's Classics ((L or HU) & H) (3)

CHI 338: Daode Jing: Way to the West (L or HU) (3)

CHI 343: Daoism ((L or HU) & G & H) (3)

CHI 345: Chinese Film and Civilization (3)

CHI 346: Chinese Religions (3)

CHI 348: Pathways into Chinese Culture (3)

CHI 451 / SLC 451: Chinese Cultural History I ((HU or SB) & H) (3)

CHI 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)

CHI 470: Modern Chinese Literature and Culture (3)

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G) (3)

JPN 315: The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis (G) (3)

JPN 316: The Language of Japanese Popular Culture II: Honorifics and Dialects (G) (3)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday (3)

JPN 401: Reading Modern Japanese Texts ((L or HU) & G) (3)

JPN 414: Introduction to Classical Japanese (3)

JPN 415: Advanced Classical Japanese (3)

JPN 430 / SLC 430: Buddhist Meditation in East Asia (HU & G) (3)

JPN 445: Readings in Modern Japanese Letters and Culture (3)

JPN 485: Japanese Literature and the Art of Translation (3)

KOR 250: Korean Culture and Society (HU & G) (3)

KOR 321 / SLC 321: Modern Korean Literature (HU) (3)

KOR 347: Korean Film and Literature (HU) (3)

KOR 350: Women of Korea (H) (3)

KOR 354: Religions of Korea (HU) (3)

KOR 375 / SLC 375: Intercultural Communication in Korea (SB & G) (3)

KOR 415 / SLC 415: Korean Popular Culture (HU & G) (3)

KOR 420 / SLC 420: Emotions Across Languages, Cultures and History (HU & G) (3)

KOR 457 / SLC 457: Premodern Korea in a Global Context (HU) (3)

SLC 245: Introduction to India and South Asia (HU & H & G) (3)

SLC 334: Modern China: 1700 to the Present (SB & G & H) (3)

VTN 321: Advanced Vietnamese and Literature I (HU & G) (3)

VTN 322: Advanced Vietnamese and Literature II (HU & G) (3)

Music

MUP 489: Gamelan (1)

Political Science

POS 240: Introduction to Southeast Asia ((HU or SB) & G) (3)

POS 245: Introduction to India and South Asia (HU & H & G) (3)

POS 357: South Asia Politics (SB & G) (3)

POS 358: Southeast Asia (SB & G) (3)
POS 452: China (SB & G) (3)
POS 468: Comparative Asian Foreign Policies (SB & G) (3)

Religious Studies
REL 111: Introduction to Asia (HU & H & G) (3)
REL 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
REL 245: Introduction to India and South Asia (HU & H & G) (3)
REL 338: Daode Jing: Way to the West (L or HU) (3)
REL 343: Daoism ((L or HU) & G & H) (3)
REL 344: Religion and Values in Japanese Life (HU & G) (3)
REL 345: Asian Religious Traditions (HU & G) (3)
REL 346: Chinese Religions (3)
REL 347: Religions of India ((L or HU) & G) (3)
REL 348: Religion and Culture in Southeast Asia (3)
REL 350: Hinduism ((L or HU) & G) (3)
REL 351: Buddhism ((L or HU) & G) (3)
REL 352: Modern Buddhism (3)
REL 354: Religions of Korea (HU) (3)
REL 355: Japanese Cities and Cultures to 1800 (HU) (3)
REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 365: Islamic Civilization (HU & H) (3)
REL 366: Islam in the Modern World (HU & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
GPA Requirement: None

Incompatible Majors: BA in Asia studies (East Asia); BA in Asia studies (South Asia); BA in Asia studies (Southeast Asia)

Other Admission Requirements: There are no specific admission requirements other than a student's desire to learn about Asia.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/LAASNCERT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/LAASNCERT/Gedt.pdf).

Career Opportunities:
Graduates who have combined the certificate in Asian studies with their major program of study may be more marketable to employers. They often decide to pursue employment in teaching, journalism, global finance and banking, international law and global public health. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Atmospheric Sciences Certificate (LAATMSCERT)

Campus: Tempe

Description:
Students in the atmospheric sciences certificate program gain a focused understanding of weather, climate and the various related methods of measurement and instrumentation. The coursework is designed to give students the knowledge and skill set necessary for approaching

meteorological-related programs through the lens of their primary field of study.

The curriculum of the certificate program is also associated with the requirements for certification as a meteorologist by the National Weather Service. Through completion of both the atmospheric sciences certificate and the BS program in geography with a concentration in meteorology-climatology, students acquire the skills in GIS and meteorological instrumentation required for national-level certification with the National Weather Service.

Program Requirements:
The certificate requires 19 credit hours with a "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 19 credit hours must be upper-division coursework.

Required Courses -- 16 credit hours
GPH 213: Climate and Weather (SG) (3)
GPH 215: Climate and Weather Laboratory (SG) (1)
GPH 412: Physical Meteorology (3)
GPH 413: Meteorological Instruments and Measurement (3)
GPH 414: Climate Change (G) (3)
MAT 275: Modern Differential Equations (MA) (3)

Upper-Division Elective -- 3 credit hours
GIS 311: Geographic Information Science III (CS) (4)
GIS 341: Cartography and Georepresentation (CS) (3)
GIS 351: Air Photo Interpretation (3)
GPH 314: Global Change (HU & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Applicants must have completed GPH 111 Introduction to Physical Geography, MAT 271 Calculus with Analytic Geometry II, and PHY 121 University Physics I: Mechanics with a grade of "C" or better (scale is 4.00 = "A").

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
A certificate in atmospheric sciences is a valuable addition to a degree for students looking for a career in which understanding weather systems could be beneficial, including career fields related to sustainability, resource management and more.

When combined with a BS in geography with a concentration in meteorology-climatology, students earning the certificate in atmospheric sciences are prepared for careers as meteorologists, such as those with the National Weather Service, broadcast meteorologists. They also are prepared to continue on their studies for an advanced degree.

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/atmospheric-sciences
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Bilingual Education and English as a Second Language Certificate (TEESLCERT)
Campus: Tempe, ASU Sync

Description:
The certificate program in bilingual education and English as a second language prepares students to work with a growing population of culturally and linguistically diverse learners.

This certificate program allows graduates to meet requirements for endorsements in bilingual education and English as a second language through

the Arizona Department of Education. This certificate program can be added to the following degree programs at Mary Lou Fulton Teachers College:

- BAE in early childhood education
- BAE in elementary education
- BAE in physical education
- BAE in secondary education
- BAE in special education

In this program, students learn and apply knowledge and skills in areas related to second language acquisition, biliteracy and bilingualism, culturally relevant and sustaining pedagogies and evidence-based instructional practices that value language diversity as an asset. Additionally, the certificate program helps students to develop critical perspectives that allow them to advocate for equitable support systems that meet the needs of linguistically diverse children and families.

This program does not lead to teacher certification.

Format option: This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Program Requirements:
To be eligible to apply for an English as a Second Language Endorsement or a Bilingual Education Endorsement, students must complete this certificate, complete their teacher preparation program, and provide verification of second language experience. The ESL endorsement requires second language learning experience which can be satisfied through the completion of two undergraduate foreign language classes. The BLE endorsement requires verification of proficiency in a spoken language other than English or sign language which can be satisfied through an external test. Students majoring in Special Education who want to obtain the BLE endorsement will be required to take one additional course in teaching students with exceptionalities from non-English language backgrounds.
This certificate requires 15 credit hours. A "C" or better is required in all coursework.

Required Courses -- 15 credit hours
BLE 220: Foundations of Structured English Immersion (L) or BLE 408: Structured English Immersion (SEI) Methods (L) (3)
BLE 336: Culturally Sustaining and Transformative Pedagogies (3)
BLE 338: Foundations of Second Language Acquisition and Development (L) (3)
BLE 400: Principles of Language Minority Education (3)
BLE 481: Reading Practicum (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate is only open to students majoring in the early childhood education, elementary education, special education, secondary education and physical education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions, including the increasing number of dual-language programs.

Biomedical Research Certificate (ASBMRCERT)

Campus: West

Description:

The biomedical research certificate program combines authentic research experience conducted in laboratories of practicing academic scientists with upper-division coursework, including laboratory courses, that allow for specialization in given subject areas.

Students gain competency in addressing scientific questions in the laboratory. The certificate prepares them to be highly competitive for careers in the research sector or to pursue graduate and professional schools, such as medical school.

The program is offered by the New College of Interdisciplinary Arts and Sciences.

Program Requirements:

The certificate in biomedical research requires a minimum of 15 credit hours (at least 12 must be upper division). Twelve credit hours must be taken at ASU. Nine credit hours must be counted toward the certificate alone and may not be shared with a student's major requirements. Only courses in which a student received a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet certificate requirements.

Core Requirement -- 3 credit hours
STP 280: Probability and Statistics for Researchers (CS) (3)

Upper-Division Elective Requirements -- 8 credit hours
Complete at least two of the lecture/lab combinations below.
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory (4)
BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory (4)
BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory (4)
BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory (4)
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory (4)

Other Certificate Requirements (choose one option below) -- 4 credit hours

Option A -- 4 credit hours
If choosing Option A, complete three credit hours of STEM Research Fundamentals (any subject area) and one credit hour of Individualized Instruction or Supervised Research (any subject area).
ENV 388: STEM Research Fundamentals (L) AND ENV 499: Individualized Instruction (4)
FOR 388: STEM Research Fundamentals (L) AND FOR 499: Individualized Instruction (4)
LSC 388: STEM Research Fundamentals (L) AND LSC 499: Individualized Instruction (4)
PLB 388: STEM Research Fundamentals (L) AND PLB 499: Individualized Instruction (4)
PTX 388: STEM Research Fundamentals (L) AND PTX 499: Individualized Instruction (4)

Option B -- 4 credit hours
If choosing Option B, take two credit hours of Individualized Instruction or Supervised Research (any subject area) in each of two consecutive semesters.
ACO 399: Supervised Research (2)
ACO 499: Individualized Instruction (2)
ENV 499: Individualized Instruction (2)
FOR 499: Individualized Instruction (2)
LSC 499: Individualized Instruction (2)
MAT 499: Individualized Instruction (2)
PLB 499: Individualized Instruction (2)
PTX 499: Individualized Instruction (2)
STP 499: Individualized Instruction (2)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate requires a cumulative GPA of 3.00 in ASU coursework and upper-division standing or graduate student status.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students who complete the biomedical research certificate are well prepared for graduate school in the sciences as well as careers such as laboratory researcher or technician, pharmacist, medical scientist, molecular and cellular biologist.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/biomedical-research
FAB N100
mnsadvising@asu.edu
602-543-3000

Biomimicry Certificate (SUBMYCERT)
Campus: Tempe

Description:
The undergraduate biomimicry certificate is an 18 credit hour interdisciplinary opportunity for students from a variety of backgrounds and any major. The certificate program is designed to address the growing interest in biomimicry knowledge and training.

The knowledge, competencies, and skills students have upon completion of this program include the ability to:

• integrate biomimicry thinking into a discipline-specific opportunity resulting in biomimetic outcomes.
• apply Life's Principles to specific needs within one's discipline.
• facilitate the integration of biology into design within one's discipline using biomimicry thinking.
• guide processes in one's discipline towards sustainability from a biomimetic perspective.
• interpret observations in nature with a functional lens for design applications.

The biomimicry certificate consists of four core classes, one elective course within the student's discipline, and a practicum capstone course offered through either the student's discipline or BMY 430 Biomimicry Practicum.

Program Requirements:
Students must earn a grade of "B" or better in all biomimicry certificate courses.

Core Courses -- 12 credit hours
BMY 230 / BIO 230: How Nature Works (3)
BMY 302: Principles of Life (3)
BMY 304: The Practice of Biomimicry (3)
SOS 110: Sustainable World (SB) (3)

Elective -- 3 credit hours
Upper Division Elective course that is biomimicry related and ideally makes a connection between the student's major and the certificate. The elective must be approved in advance by a biomimicry advisor (who will seek final approval from The Biomimicry Center). (3)

Capstone -- 3 credit hours
Upper Division Capstone course is required. To fulfill this requirement, students may take 1) a biomimicry-focused capstone in their corresponding major with approval from their biomimicry advisor (who will seek final approval from The Biomimicry Center), 2) BMY 430: Biomimicry Practicum, OR 3) BMY 499 Independent Study (if a capstone is not available). (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students must have a GPA of 3.00 in order to add the undergraduate certificate in biomimicry.

Advising is not required, but it is suggested that students make an appointment with a College of Global Futures advisor to review additional details about the requirements. Students can schedule an appointment through the College of Global Futures advising website: https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue the graduate certificate in biomimicry.

Career Opportunities:
Completing a biomimicry certificate can help students bring about positive change. The unique knowledge and skills gained enhance a student's bachelor's degree and career prospects and help them stand out in a sea of job applicants. The certificate can complement any career path, whether it's in business, technology, science, education or government.

Contact Information:
Global Futures, College of
School of Complex Adaptive Systems
https://scas.asu.edu/degree-programs/certificates/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Brazilian Studies Certificate (LABZSCERT)
Campus: Tempe

Description:
The certificate program in Brazilian studies encourages students to create a plan of study focusing on current sociocultural influences that will allow them to compete more successfully in the global job market.

Students pursue coursework in important areas, including complementary courses in specific issues in Brazilian culture, the examination of major themes in Brazilian popular and urban culture with particular emphasis on Afro-Brazilian society, a grounding in the major texts of Brazilian literature and proficiency in the Portuguese language at the intermediate level.

Program Requirements:
The Brazilian studies certificate requires 18-20 credit hours of Portuguese language and elective culture content coursework, of which 12 credit hours must be upper division. A grade of "C" (2.00 on a 4.00 scale) or better is required in all coursework. Students choose one two-course language sequence for a total of 6-8 credit hours of Portuguese language.
Course substitutions may be permitted for heritage speakers of Portuguese based on their proficiency level as determined by a Portuguese placement test. The language course substitution for advanced speakers of Spanish language can be satisfied by the two-course POR 320 and POR 321 sequence.

Portuguese Language -- 6 credit hours
Choose one two-course sequence for 6-8 credit hours. The upper-division two-course language sequence is 6 credit hours total.
POR 101: Elementary Portuguese I (G) AND POR 102: Elementary Portuguese II (G) (8)
POR 201: Intermediate Portuguese I (G) AND POR 202: Intermediate Portuguese II (G) (8)
POR 313: Portuguese Conversation and Culture (G) AND POR 314: Portuguese Composition and Culture (G) (6)
Notes: POR 313 and POR 314 may be applied to either Portuguese Language or to Upper-Division Electives but may not be applied and counted in both categories for this certificate.
POR 320: Portuguese for Spanish Speakers I AND POR 321: Portuguese for Spanish Speakers II (6)

Upper-Division Electives -- 12 credit hours
GCU 323: Geography of Latin America (SB & G) (3)
GCU 485 / PUP 485: International Field Studies (G) (3)
POR 313: Portuguese Conversation and Culture (G) (3)
POR 314: Portuguese Composition and Culture (G) (3)
POR 394: Special Topics (3)
POR 460: Brazilian Society Through Music (HU & G) (3)

POR 472: Luso-Brazilian Civilization (HU & G) (3)
POR 484: Internship (3)
POR 493: Honors Thesis (L) (3)
POR 494: Special Topics (3)
POR 499: Individualized Instruction (3)
*Other courses may be used with approval from the faculty coordinator and academic advisor in the School of International Letters and Cultures.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can become more marketable to employers and advance their career options with an undergraduate certificate that complements their major program of study.

Students who complete this certificate in Brazilian studies along with their major often decide to pursue employment in education, political analysis, the military, tourism and hospitality, or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-brazilian-studies
DH 131
silcadvising@asu.edu
480-965-6281

Civic Education Certificate (LACVECERT)
Campus: Tempe

Description:
The civic education certificate program is geared toward students who seek to actively engage in or teach others about political issues and reforms.

Coursework in the certificate provides a strong foundation in the theories and ideologies that provide the motivation and reasoning for much political activity. In addition, a civics in action component of the program enables students to investigate how contemporary American political institutions grapple with competing interests, values and civic ideas.

Program Requirements:
The certificate in civic education is comprised of 15 credit hours in political science. At least 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Theoretical Foundations -- 6 credit hours
POS 210: Political Ideologies (SB) (3)
POS 442: American Political Thought (HU) (3)

Topics in Political Theory (choose one course) -- 3 credit hours
POS 340: History of Political Philosophy I (HU & H) (3)
POS 341: History of Political Philosophy II (HU & H) (3)
POS 346: Problems of Democracy (HU) (3)
POS 443: Topics in Contemporary Political Theory (HU) (3)
POS 475: Morality and Politics (3)

Civics in Action (choose two courses) -- 6 credit hours
POS 313: The Congress (SB) (3)
POS 314: The American Presidency (SB) (3)
POS 315: The Supreme Court (SB) (3)

POS 325: Public Policy Development (SB) (3)
POS 332: American Political Parties (SB) (3)
POS 333: Interest Groups (SB) (3)
POS 348: Do You Want to Build a Nation? (L) (3)
POS 370: Law and Society (SB) (3)
POS 410: Governing American Cities (SB) (3)
POS 417: Arizona Politics (SB) (3)
POS 435: Women and Politics (SB & C) (3)
POS 439: Minority Group Politics in America (SB & C) (3)
POS 470: Law and the Political Order (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in civic education with their major program of study may become more marketable to employers. They often decide to pursue employment in K-12 teaching (especially social studies), journalism, government or nonprofit organizations.

The civic education certificate program helps prepare undergraduate students for careers in primary and secondary education in which the teaching of government and civics may be involved. The program is also preparation for careers or participation in politics, public service, civic and social movements and for further education in law, journalism, business, history, sociology, political science, public administration, social work and other fields in which an understanding of questions of citizenship, leadership, community, democracy, public responsibility and ethics is crucial.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Civil Communication Certificate (LACCOMCERT)

Campus: Tempe

Description:
The Hugh Downs School of Human Communication certificate program in civil communication provides students specific training in dialogue-based methods of civility, the application of critical civil communication skills in public spheres, and civil and productive modes of argumentation.

This specialization provides students with the ability to recognize and competently practice and facilitate the ever-increasing demand for civil discourse in society and workplace organizations. The foundational courses offer the opportunity for transdisciplinary collaboration and community engagement.

Program Requirements:
The certificate requires 18 credit hours. Nine of the 18 credit hours must be ASU resident credit courses, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. 12 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 9 credit hours
COM 222: Argumentation (L) (3)
COM 225: Public Speaking (L) (3)

COM 327: Civil Communication (3)

Electives (select three) -- 9 credit hours
COM 312: Communication, Conflict, and Negotiation (3)
COM 319: Persuasion and Social Influence (SB) (3)
COM 321: Rhetorical Theory and Research ((L or HU) & H) (3)
COM 325: Advanced Public Speaking and Presentations (L) (3)
COM 341: Social Contexts for Performance (3)
COM 421: Rhetoric of Social Issues (HU) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in civil communication with their major program of study may be more marketable to employers. They often decide to pursue employment in social services, public policy or workplace organization.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Hugh Downs School of Human Communication
https://humancommunication.asu.edu/
STAUF A412
communication@asu.edu
480-965-5095

Classical Studies Certificate (LACLGCERT)
Campus: Tempe

Description:
The classical studies program offers students a wide variety of opportunities to study the language, literature and culture of the ancient Greeks and Romans. It is ideal for those students interested in pursuing a classical education in conjunction with another major or as part of their general studies.

This program is offered by The School of International Letters and Cultures.

Program Requirements:
The certificate in classical studies requires a minimum of 18 credit hours. At least 12 credit hours must be at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Language Requirement -- 6 credit hours
Students must complete two semesters of language courses in either Ancient Greek or Latin. (6-8)
Credit hours taken for the language requirement that exceed the required eight credit hours will be applied to ASU's 120 credit hour minimum.
ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.

Ancient Greek
Students who choose Greek must take a minimum of two semesters of language courses from the following list. The ASU Language Placement test determines what class students start with.
GRK 101: Elementary Ancient Greek (4)
GRK 201: Intermediate Ancient Greek (4)

GRK 301: Ancient Greek Literature I (HU) (3)

GRK 302: Ancient Greek Literature II (HU) (3)

Notes: GRK 302 can be taken twice if needed to reach two semesters of credit. It may also be repeated to count toward the Classical Studies Electives Requirement.

Latin

Students who choose Latin must take a minimum of two semesters of language courses from the following list. The ASU Language Placement test determines what class students start with.

LAT 101: Elementary Latin (4)

LAT 102: Elementary Latin (4)

LAT 201: Intermediate Latin I (HU) (4)

LAT 202: Intermediate Latin II (HU) (4)

LAT 421: Roman Literature (HU) (3)

Notes: LAT 421 can be taken twice if needed to reach two semesters of credit. It may also be repeated to count toward the Classical Studies Electives Requirement.

Classical Studies Electives (choose four) -- 12 credit hours

SLC 344 / LAT 344 / GRK 344: Classics and Comics (HU) (3)

SLC 351 / GRK 351: Tales of Troy (HU & H) (3)

SLC 352 / GRK 352: The Rise and Fall of Ancient Athens (HU & H) (3)

SLC 353 / GRK 353: Alexander and His Empires (HU & H) (3)

SLC 356 / LAT 356: Rome from Village to Empire (3)

SLC 357 / LAT 357: Rome's First Emperor (HU & H) (3)

SLC 360 / LAT 360 / GRK 360 / HST 397: Greece and Rome at War (3)

SLC 361 / LAT 361 / REL 361: Roman Religion (HU) (3)

SLC 362 / GRK 362 / REL 360: Ancient Greek Religion (HU) (3)

SLC 363 / LAT 363 / GRK 363: Ancient Magic and Witchcraft (3)

SLC 444 / LAT 444 / GRK 444: Heroes, Ancient and Modern (L or HU) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates who have combined the certificate in classical studies with their major program of study may become more marketable to employers. They often decide to pursue employment in education, arts and humanities, tourism and hospitality or marketing.

Contact Information:

Liberal Arts and Sciences, The College of

School of International Letters and Cultures

https://silc.asu.edu/degree/certificate/certificate-classical-studies-greek-cert

DH 131

silcadvising@asu.edu

480-965-6281

Communication Sciences and Disorders Certificate (NHCSDCERT)

Campus: Tempe

Description:

The postbaccalaureate certificate in communication sciences and disorders is for students who have already received a bachelor's degree in another discipline but wish to pursue a master's degree in speech-language pathology or communication disorders.

The coursework provides students with the prerequisite background and knowledge necessary to perform at the master's degree level in the field.

Completion of the postbaccalaureate certificate does not guarantee admission to ASU's graduate program, but it enables students to meet the requirements of the American Speech-Language-Hearing Association to enter master's degree programs in speech-language pathology or communication disorders.

Program Requirements:
The certificate requires 27 credit hours. A "C" minimum is required for all courses in the certificate, although students must maintain a 3.00 GPA in the certificate program.

Required Courses -- 27 credit hours
SHS 250: Introduction to Phonetics (3)
SHS 310: Anatomical and Physiological Bases of Speech (3)
SHS 311: Hearing Science (3)
SHS 367: Language Science (SB) (3)
SHS 375: Speech Science (3)
SHS 401: Principles of Audiology (3)
SHS 402: Clinical Methods and Treatment of Communication Disorders (3)
SHS 496: Aural Rehabilitation (3)
SHS 565: Speech and Language Acquisition (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Prospective students must have earned a bachelor's degree in a field outside of speech and hearing science with a minimum GPA of 3.00 (scale is 4.00 = "A").

Students interested in this certificate should apply for university admission as nondegree-seeking graduate students and submit a supplemental application to the program.

More information is available on the program website at https://chs.asu.edu/programs/communication-sciences-and-disorders (https://chs.asu.edu/programs/communication-sciences-and-disorders).

Career Opportunities:
This certificate program provides post-baccalaureate students with the academic preparation needed to apply to graduate programs in communication sciences and disorders. The program is also preparation for those who wish to transition into the speech-language pathology assistant certificate with the eventual goal of becoming a speech-language pathology assistant.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/communication-sciences-and-disorders
HLTHN 401AA
chs@asu.edu
480-965-2374

Communication Training and Assessment Certificate (ASCTACERT)
Campus: West

Description:
The certificate program in communication training and assessment prepares students to assess communication skills in business, professional and community settings and to develop training efforts that help others improve their communication skills.

Access to the award-winning, state-of-the-art CommLab at ASU's West campus facilitates skill development in communication training, presentation skills, professional development and assessment practices.

The combination of relevant coursework and hands-on experience developed through CommLabASU provides students with the knowledge and expertise necessary to train others in a variety of professional and community settings.

Program Requirements:

The certificate in communication training and assessment requires a minimum of 18 credit hours (at least 12 credit hours must be upper division). The certificate consists of 12 credit hours of core requirements and six credit hours of electives. At least nine credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of six credit hours may be shared between the certificate and a major. Only courses in which a student received a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.

Core Requirements -- 12 credit hours
COM 225: Public Speaking (L) or COM 325: Advanced Public Speaking and Presentations (L) or COM 342: Oral History and Storytelling (3)
COM 383: Communication and Mentoring or COM 483: Advanced Communication and Mentoring (3)
COM 453: Communication Training and Development (3)
COM 482: Communication, Instruction and Training (3)

Electives -- 6 credit hours
COM 230: Small Group Communication (SB) (3)
COM 259: Communication in Business and the Professions (3)
COM 312: Communication, Conflict, and Negotiation (3)
COM 319: Persuasion and Social Influence (SB) (3)
COM 353: Professional Communication (3)
COM 415: Risk Communication (3)
COM 430: Leadership in Group Communication (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate in communication training and assessment provides a solid background for positions such as:

- advertising and promotions managers
- human relations managers
- marketing associates
- marketing managers
- mediators
- public relations specialists
- public relations and fundraising managers
- sales managers
- training and development managers

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/communication-training-assessment
FAB N100
sbsadvising@asu.edu
602-543-3000

Community-Engaged Practices in Design and the Arts Certificate (HISEPCERT)

Campus: Tempe

Description:
This hands-on program places designers, artists, scholars and educators in public life and enables them to use their creative capacities to advance culture, strengthen democracy and imaginatively address today's most pressing challenges.

This is an integrated community-engaged design and arts certificate program serving all Herberger Institute students as well as the larger ASU community. Participants engage in direct and ethical partnership and collaboration with communities and with civic and industry partners, enabling them to learn and practice programming that activates partner goals and facilitates experiential learning and creation.

Program Requirements:

The certificate in socially engaged practice in design and the arts requires 15 credit hours; including 12 hours of upper-division coursework. All courses must be completed with a minimum grade of "C" (2.00) or better. An overall 3.00 GPA is required for this certificate.

Core -- 3 credit hours
HDA 210: Creativity and Innovation in Design and the Arts (3)

Community Engagement -- 3 credit hours
ARS 441: Public Art (3)
ART 442: Art and Community (3)
DCE 494 / HDA 494 / THP 494: The Atlas of Creative Tools (3)
DSC 494: Indigenous Architecture, Planning and Construction (3)
DSC 494: Indigenous Project Delivery (3)
EDS 301: Sustainable Community Design and Practices (HU) (3)
HDA 310: Socially Engaged Practice (3)
HDA 394: Design & Arts Corps (1-3)
HDA 394: Disrupt, Create, Sustain (3)
HDA 494: Civic Body: Art and Public Health (3)
HDA 494: Civ Prac: Artists&Designers Collaborating/Comm (3)
HDA 494: Civic Practice:Arts/Design & Public Partnerships (3)
HDA 494: Creative Facilitation: Collaboration, Imagination (3)
HDA 494: Creative Project Management (3)
HDA 494: Design & Arts Corps (1-3)
HUL 494: Special Topics (3)
Notes: Any topic offered though ASU's Humanities Lab (https://humanities.lab.asu.edu/)
NLM 410: Social Entrepreneurship (3)
THP 482: Theatre for Social Change (C) (3)

Fieldwork / Internship -- 3 credit hours
HDA 410: Design and the Arts Corps Seminar (3)
Notes: HDA 410 may be satisfied with other Capstone or Internship Experiences as approved by the program faculty coordinator.

Electives -- 6 credit hours
AME 310: Media Literacies and Composition (3)
AME 340: Compositional and Computational Principles for Media Arts (3)
AME 411: Advanced Interactive Sound (3)
AME 444: Media Installations (3)
AME 494: Animating Virtual Worlds (3)
ARS 441: Public Art (3)
ART 439: Studio Inquiry: Practice and Cultural Context (3)
ART 442: Art and Community (3)
ART 443: Performance Art: Actions, Gestures, Journeys (3)
DCE 303: The Body Condition(ed) (SB) (3)
DCE 333: Hip Hop III (3)
DCE 360: Creative Practices V (3)
DCE 404: Dance and Ethics (L) (3)
DCE 405: Writing the Creating Body (L or HU) (3)
MDC 311: Composing and Performing for Hybrid Ensembles (3)
MHL 342: Music History II (HU) (3)
MHL 344: Music in World Cultures (HU & G) (3)
MUP 489: Gamelan (3)
MUP 489: Latin Marimba (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
NLM 410: Social Entrepreneurship (3)
NLM 430: Managing Nonprofit Organizations (L) (3)
NLM 451: Grant Writing (3)
PAF 410: Building Leadership Skills (SB) (3)
PAF 420: Managing Across Boundaries (3)
TDM 448: Heritage and Cultural Tourism (3)
THP 451: Student Production Board II (3)
THP 482: Theatre for Social Change (C) (3)
THP 483: Acting: Viewpoints and Composition (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A minimum GPA of 3.00 is required to complete the certificate. The certificate is administered through the Office of Student Success in the Herberger Institute and through the Design and Arts Corps and is open to all undergraduate students admitted to ASU.

Students enrolled in the BA in the Arts in the Herberger Institute must complete three additional credit hours of coursework unique to the certificate program that does not also count toward their major (this is due to the overlapping requirements of HDA 210 and HDA 310).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This certificate program allows students to develop unique pathways that also earn micro-credentials across a broad range of competencies including ethical communication, group facilitation, project structuring and evaluation, project management, ethics and asset-based community cultural development. These competencies prepare graduates for excellence in a range of occupations.

Contact Information:
Design and the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
https://herbergerinstitute.asu.edu/national-collaborative/design-and-arts-corps?dept=1400&id=2
CDS 101
herbergeradvising@asu.edu
480-965-4495

Computational Life Sciences Certificate (LACLSICERT)

Campus: Tempe, Online

Description:
The computational life sciences certificate program introduces students to a burgeoning new field. Huge leaps in processing technologies have thrown open the doors for new research techniques and exciting opportunities for interdisciplinary collaborations.

Students are introduced to a suite of tools and approaches that enable them to uncover correlations, glean new understanding, and help solve scientific problems.

Students examine many different types of data generated from a wide range of fields, including ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior. Students investigate topics such as DNA, RNA, protein, imaging, conservation and even historical data from long-term ecological research sites.

Finally, students also explore the ethical implications of collecting, analyzing and sharing the results of computational life sciences data.

Program Requirements:
The certificate in computational life sciences requires a minimum of 15 credit hours, of which at least 12 credit hours must be upper division. The core consists of one computing course and one ethics course. A minimum of nine credit hours in elective courses complete the certificate. The computing course not used toward the core requirements may be used toward the elective credit hours. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.

Required Courses -- 6 credit hours
BIO 312 / PHI 320: Bioethics (HU) or BIO 316 / HPS 330: History of Biology: Conflicts and Controversies (H) or BIO 317 / HPS 323: History of Science II (HU & H) or BIO 318 / HPS 331: History of Medicine (HU & H) or BIO 416 / HPS 410: Biomedical Research Ethics (L) (3)
BIO 439: Computing for Research or BIO 440 / MBB 440: Functional Genomics (3)

Electives -- 9 credit hours
BIO 355 / MAT 355 / MBB 355: Introduction to Computational Molecular Biology (CS) (3)
BIO 411: Quantitative Methods in Conservation and Ecology (4)
BIO 415: Statistical Models for Biology (CS) (4)
BIO 439: Computing for Research (3)

BIO 440 / MBB 440: Functional Genomics (3)

BIO 494: Data Analysis in Neuroscience (3)

BIO 494: Data Analysis and Visualization in R (3)

BIO 494: Genomic Analysis (3)

BIO 498: Programming for biologists (1)

BME 494: Systems Biology of Disease (3)

BMI 311: Modeling Biomedical Knowledge (3)

BMI 312: Modeling Biomedical Data (3)

BMI 330: Topics in Translational Bioinformatics (3)

DAT 301: Exploring Data in R and Python (4)

GIS 469 / SOC 469: Multivariate Statistics for Social Sciences (3)

GIS 471: Spatial Statistics for Geography and Planning (3)

MAT 353: Mathematics and Cancer (3)

MAT 451: Mathematical Modeling (CS) (3)

If not used as the required computing course, students may include BIO 439 or BIO 440 as a certificate elective.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
In the life sciences, employers need scientists who are skilled in understanding and interpreting data, and those who have experience using new computational approaches and computer programs are in particular demand.

Graduates who have combined the certificate in computational life sciences with their major program of study often decide to pursue employment in ecology, medicine, botany, evolutionary biology, neuroscience, molecular and cellular biology, or animal behavior, and they work to identify and interpret data in the respective field.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/undergraduate-minors-and-certificates
LSC 426
SOLS.advising@asu.edu
480-727-2039

Computer Gaming Certificate (ESSCICERT)

Campus: Tempe

Description:
The computer gaming certificate program is designed to provide a game development skill set that the student can apply to domain-specific applications in the student's major. The skill set includes architecture of game engines, art design and computer graphics for gaming, and game software development.

In this certificate program, students learn to apply gaming technology to the rapidly growing video game industry and to business, medicine, geography, biotechnology and education. Examples of projects include:

- building a game that teaches linear algebra by incorporating trigonometric rules into the game design
- creating a game that teaches correct sentence construction to beginning learners of English
- creating a game to help patients with physical therapy

- creating an interactive virtual world for corporate training
- designing a game platform incorporating geographic information systems
- inventing a surgical simulation to educate medical students

Program Requirements:

Students will complete nine credit hours of core courses (including a final capstone project) and nine credit hours of elective courses. The certificate requires 12 credit hours of upper-division coursework. All courses must be passed with a "C" or better. Students need to allow at least three years to complete the certificate program due to the prerequisite structure.

Core Courses -- 9 credit hours
CPI 111: Game Development I (CS) (3)
CPI 211: Game Development II (3)
CPI 441: Gaming Capstone (3)
Notes: CPI 441 is only offered in Spring semesters

Electives -- 9 credit hours
CPI 311: Game Engine Development (3)
Notes: CPI 311 is only offered in Fall semesters
CPI 321: Fundamentals of Game Art (3)
Notes: CPI 321 is only offered in Spring semesters
CPI 394: Game Design Fundamentals (3)
CPI 411: Graphics for Games (3)
Notes: CPI 411 is only offered in Spring semesters
CPI 421: 3-D Modeling and Texturing (3)
Notes: CPI 421 is only offered in Fall semesters
CPI 462: Design for Learning in Virtual Worlds (3)
Notes: CPI 462 is offered infrequently
CPI 484: Internship (3)
FMS 394: Video Games and Narrative (3)
SER 431: Advanced Graphics (3)
Notes: SER 431 is offered infrequently

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The computer gaming certificate is open to any student admitted to an undergraduate degree program at ASU and in good academic standing. This certificate can also be used by interdisciplinary studies BA students as part of their degree program.

All students are eligible to take CPI courses.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can advance their career options with an undergraduate certificate. The certificate in computer gaming helps students become more marketable to employers in the gaming industry by adding this specialization to complement their major program of study.

Contact Information:
Engineering, Ira A. Fulton Schools of
Computing and Informatics Program
https://scai.engineering.asu.edu/
CTRPT 105
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Convention Sales and Meeting Planning Certificate (PPTDMCERT)

Campus: Downtown Phoenix

Description:
The certificate program in convention sales and meeting planning provides students a solid foundation in convention sales and management and incorporates the scope of convention properties, budgeting, contracting and risk management. Students can explore this exciting growth industry, learn marketing and sales strategies to attract convention and meeting markets, and learn the techniques required for meeting the needs of meeting and convention services.

The U.S. meetings, conventions and exhibitions industry generates more than $120 billion a year, supporting nearly two million jobs.

Phoenix alone is a major convention and meeting destination. There is a need for qualified professionals to service conventions and meetings, due in large part to the $600 million investment in the Phoenix Convention Center expansion, development of new hotels and other visitor-related products, and the steady influx of corporate headquarters relocating to the greater Phoenix area.

The certificate, which has been endorsed by the Greater Phoenix Convention and Visitors Bureau and the Arizona Sunbelt Chapter of Meeting Professionals International, enhances a graduate's career opportunities as a tourism professional.

Program Requirements:
The certificate requires 15 credit hours: three required core courses (nine credits) and two elective courses (six credits). Courses taken as part of a university major may count toward that degree and the certificate. Requirements can be met online. All core classes and some elective classes are taught online at least once a year. To earn the certificate, students must complete a minimum of 12 upper-division credit hours. An application to the program is required.

Required Core Courses -- 9 credit hours
TDM 345: Meeting and Convention Planning (3)
TDM 350: Tourism, Recreation and Sports Marketing (3)
TDM 386: Convention Sales and Management (3)

Electives (choose two, one must be upper-division) -- 6 credit hours
NLM 310: Volunteer Management (3)
PRM 145: Special Events Management (3)
TDM 205: Introduction to Travel and Tourism (G) (3)
TDM 225: Introduction to Resort and Hotel Management (3)
TDM 458: International Tourism (G) (3)

Standards
1. Fifteen credit hours of graded classroom coursework are required (no internship, no independent study).
2. A minimum "C" (2.00 on a 4.00 scale) grade is required for all classes in the certificate.
3. A minimum GPA of 2.00 is required for those pursuing the certificate.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The field of convention sales and meeting planning comprises a multitude of areas, including fundraising, recruitment, coordination, supervision and a variety of management responsibilities. The demand for professionals is strong, and this program provides an excellent foundation for enhancing career opportunities nationally, regionally and locally.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 550
scrdadvising@asu.edu
602-496-0550

Correctional Studies Certificate (PPCRTSCERT)

Campus: Downtown Phoenix

Description:

The certificate program in correctional studies educates students about a variety of components that make up the corrections system.

It is designed to provide students with understanding and knowledge of the histories, philosophies and contemporary practices of both institutional and community corrections. The program emphasizes evidence-based best practices concerning the rehabilitation of correctional clients to reduce recidivism.

Program Requirements:

Required Courses -- 15 credit hours
CRJ 100: Introduction to Criminal Justice (SB) (3)
CRJ 240: Introduction to Corrections (3)
CRJ 443: Community Corrections (3)
CRJ 444: Institutional Corrections (3)
CRJ 445: Tools for Engaging Correctional Populations (3)

Elective Courses (choose one) -- 3 credit hours
CRJ 317: Inside-Out Prison Exchange Program (3)
CRJ 394: Special Topics (3)
Notes: Only approved corrections-related topics
CRJ 406: Sex Crimes (3)
CRJ 411: Legal Issues in Corrections (3)
CRJ 434: Drugs of Abuse (3)
CRJ 435: Crime and Forensic Mental Health (SB) (3)
CRJ 484: Internship (3)
CRJ 494: Special Topics (3)
Notes: Only approved corrections-related topics

Special Topics courses (CRJ 394 and CRJ 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the correctional studies certificate program.

At least 15 credit hours must be taken in residence at ASU.
Lower-division courses such as CRJ 100 (Introduction to Criminal Justice) and CRJ 240 (Introduction to Corrections) may be used to satisfy the requirements of any major or a minor at ASU, as well as requirements for the certificate program in correctional studies. No upper-division courses in criminology and criminal justice, however, may be used to satisfy the requirements of the certificate program in correctional studies and either the major or minor in criminology and criminal justice. For example, students majoring or minoring in criminology and criminal justice may not use CRJ 394, CRJ 406, CRJ 411, CRJ 434, CRJ 435, CRJ 443, CRJ 444, CRJ 445, CRJ 484, or CRJ 494 to satisfy the requirements of the certificate in correctional studies and either the major or minor in criminology and criminal justice.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must complete CRJ 100 Introduction to Criminal Justice with a grade of "C" or better (scale is 4.00 = "A") in order to be admitted to the certificate program. This course may be taken in residence at ASU or may be transferred from other institutions, including community colleges. Because this course is a requirement for the bachelor's degree program and the minor in criminology and criminal justice, its completion satisfies the requirements of the major or minor and satisfies the prerequisite requirement for admission to the certificate program in correctional studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates of the correctional studies certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies (federal, state and local) including National Institute of Corrections, Federal Bureau of Prisons, and local and state-level corrections departments. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Creative City Certificate (PPURBCERC)

Campus: Downtown Phoenix

Description:
Students in this program explore best practices in a global context and develop asset-based proposals, including implementation plans, for specific locales.

The creative city certificate adds value to other majors as well as work and life experience for students aspiring to assume leadership roles in improving quality of life, specifically by enhancing quality of place.

Cities are centers of human creativity and cultural innovation; they both attract and breed these qualities of urban areas. Such creativity and innovation are apparent in the vitality of the arts as well as that of businesses (large and small), research (basic and applied) and the everyday life unique to any given locale. These are the ingredients that make places sustainable, economically, socially and environmentally, by endowing a sense of place along with a sense of community.

This certificate also serves professionals in the community working in the areas of community development, land-use law, parks and recreation, philanthropy, planning, public art, urban governance and others.

Flexible class times and locations make the program a viable option for those unable to attend classes during the day.

Program Requirements:
The creative city certificate consists of 15 credit hours of coursework. All courses must be taken at ASU. A "C" (2.00 on a 4.00 scale) or better is required in all coursework.

Required Core Courses -- 6 credit hours
PAF 405: Citizen Engagement and Community Building (3)
PAF 406: Public Administration and Community Development (3)

Elective Courses -- 9 credit hours
CRD 301: Sustainable Communities (3)
CRD 302: Inclusive Community Development (SB & C) (3)
GRA 401: Creative Environment (3)
NLM 160: Voluntary Action and Community Leadership (SB) (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 300: Fund Raising and Resource Development (3)
NLM 402: Assessment and Evaluation of Community Services (3)
PAF 220: Introduction to Urban America (3)
PAF 420: Managing Across Boundaries (3)
PRM 120: Leisure and the Quality of Life (SB) (3)
PRM 210: Leisure Delivery Systems (3)
TDM 448: Heritage and Cultural Tourism (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students receiving this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies, nonprofit organizations, and private organizations whose work interfaces with the public sector.

Criminal Investigations Certificate (PPCRICERT)

Campus: Downtown Phoenix, West

Description:

The certificate in criminal investigations educates students about a variety of aspects of criminal investigations and criminalistics. It is designed to provide students of the social sciences, natural sciences, humanities and public services with an understanding of the nature of criminal evidence; the language of forensic science; the scope, probative value and limitations of a variety of investigative specializations and their techniques; and an appreciation of how forensic investigative methods are used in the quest for justice.

The certificate program allows students to satisfy at least two of their General Studies requirements, the SQ and SB, in a thematic manner.

This program is not designed to prepare students for work in a crime laboratory.

Program Requirements:

Required Courses -- 12 credit hours
CRJ 100: Introduction to Criminal Justice (SB) (3)
CRJ 210: Introduction to Criminal Investigations (3)
CRJ 211: Documenting the Crime Scene (3)
CRJ 410: Criminal Procedure I: The Law of Investigations (3)

Elective Courses (choose three) -- 9 credit hours
CRJ 321: Evidence: Imperatives of Proof (3)
CRJ 433: Death Investigations: Principles of Forensic Medicine (3)
CRJ 434: Drugs of Abuse (3)
CRJ 435: Crime and Forensic Mental Health (SB) (3)
CRJ 450: Crime Analysis (3)
CRJ 484: Internship (1-6)
CRJ 494: Special Topics (3)
Notes: only in approved investigations-related topics
FOR 350: Computer Forensics (3)
FOR 394: Special Topics (3)
Notes: only in approved investigations-related topics
FOR 410: Testimony and Ethics in the Forensic Sciences (L) (3)
FOR 484: Internship (1-6)

1. Special Topics courses (FOR 394 and CRJ 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the criminal investigations certificate program.
2. At least 12 credit hours must be taken in residence at ASU.
3. A "C" (2.00 on a 4.00 scale) or better is required in all course work required for the certificate.
4. Upper-division course work may not be used to satisfy the requirements of both a major and the certificate. Thus, if any elective courses in the certificate program are being used to satisfy the requirements of a major, different elective courses must be taken to satisfy the requirements of the certificate program. For example, students majoring in criminology and criminal justice may not use CRJ 321, CRJ 410, CRJ 433, CRJ 434, CRJ 435, CRJ 450, CRJ 484 or CRJ 494 to satisfy the requirements of the major and the certificate in criminal investigations. Similarly, students majoring in forensic science may not use FOR 350, FOR 410 or FOR 484 to satisfy the requirements of the major and the certificate in criminal investigations.
Prerequisite Information
Prerequisite courses may be needed in order to complete the requirements of this certificate.
CRJ 100 Introduction to Criminal Justice, SB (3) is a prerequisite requirement to enroll in CRJ 210, CRJ 211, CRJ 433, CRJ 434, CRJ 435, CRJ 484 and CRJ 494.
ACO 100 All About Data: Design, Query, and Visualization, CS (3) is a prerequisite requirement to enroll in FOR 350 Computer Forensics.
Either FOR 286 Principles of Forensic Science (3) or the two semester sequence in FOR 105 and FOR 106 is a prerequisite requirement to enroll in FOR 410 Professional Practices in Forensic Science, L (3). ENG 102 or 105 or 108 are also prerequisites for FOR 410.
The completion of at least 45 credit hours is a prerequisite requirement to enroll in FOR 484 Internship.

Enrollment Requirements:

Students must complete the following prerequisite courses with a grade of "C" of higher (scale is 4.00 = "A") in order to be admitted to the certificate program. These courses may be taken in residence at ASU or may be transferred in from other institutions, including community colleges.

The following prerequisite courses are required for admission to the certificate program:

For students majoring in the social sciences, humanities or the arts:*
FOR 105 Physical Evidence and the Crime Scene, SQ (4) and
FOR 106 Biology Behind the Crime Scene, SQ (4)

For students majoring in the natural sciences:*
FOR 286 Principles of Forensic Science (4)

*Neither FOR 105 nor FOR 106 have any prerequisites. These courses are designed for students majoring in the social sciences, humanities or arts to meet the natural science requirement of ASU's General Studies program. Thus, students not majoring in the natural sciences who wish to declare the certificate program in criminal investigations must complete the two-course sequence in FOR 105 and FOR 106. In contrast, students majoring in the natural sciences, including forensic science, should not take FOR 105 and FOR 106; they need only complete FOR 286: Principles of Forensic Science, which has prerequisite requirements of BIO 181, BIO 182, CHM 113 and CHM 116.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates of the criminal investigations certificate program find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud
- the courts
- domestic terrorism
- federal agencies
- forensics
- homeland security
- law enforcement
- legal offices

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Cross-Sector Leadership Certificate (PPCSLDCERT)

Campus: Downtown Phoenix

Description:

The certificate program in cross-sector leadership provides a comprehensive overview of leading solutions to complex social challenges by integrating the public, private, nonprofit and military sectors.

Students engage in a systems-thinking approach to real-world challenges faced by local and global communities, explore the diverse characteristics and motives of each sector in engaging in cross-sector collaborations, and master processes to formalize such partnerships. Students gain leadership skills, such as leading change within and between organizations across multiple sectors, and they learn to use human-centered design, social entrepreneurship and other approaches when tackling community challenges. Students study values-based leadership and how individual, organizational and sector values can drive a leader's ability to act. Students end the program with a thesis or applied project that integrates the

theories, procedures and concepts learned in the certificate courses with experiences from the students' internships in each sector.

Program Requirements:
The certificate in cross-sector leadership is a requirement for, and is limited to, participants in the Public Service Academy's Next Generation Service Corps, a four-year leadership development track that engages future civilian leaders in the public, private and nonprofit sectors to engage in collaboration and change in the context of social challenges in which they hold interest. Students are required to maintain a 3.00 ASU GPA, a 3.00 GPA across certificate courses and demonstrate forward academic progress to maintain enrollment in the certificate as well as the Next Generation Service Corps. ROTC students also may pursue the certificate, but must maintain a 3.00 GPA in certificate courses.

Required Courses -- 12 credit hours
PAF 115: Foundations of Cross Sector Leadership (1)
PAF 215: NGSC Community Impact Lab (2)
PAF 311: Leadership and Change (SB) (3)
PAF 315: Cross-Sector Collaboration (3)
PAF 415: Social Entrepreneurship (3)

Elective (choose one) -- 3 credit hours
PAF 394: NGSC Leadership Instruction (3)
PAF 421: Leadership Capstone (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Enrollment in the 15-credit hour certificate program in cross-sector leadership is offered only to students participating in ASU's Next Generation Service Corps or in the Reserve Officers Training Corps. Enrollment requirements for the certificate are the same as admission requirements for the Next Generation Service Corps or Reserve Officer Training Corps (by request). Public Service Academy staff and the Watts College of Public Service and Community Solutions Dean's Office enroll the students.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree.

Career Opportunities:
Students can advance their career options with an undergraduate certificate.

Graduates of the certificate in cross-sector leadership have acquired a unique knowledge of cross-sector collaboration, advanced leadership skills, and an understanding of how to use these, and this complement to their major program of study may make them more marketable to employers.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Public Affairs
https://psa.asu.edu/
UCENT 707
psa@asu.edu
602-496-0201

Cryptology Certificate (LACRYCERT)
Campus: Tempe

Description:
Cryptology is the art and science of making and breaking codes and ciphers. The certificate program in cryptology is designed to provide a strong foundation in the mathematical topics that are most applicable to modern cryptosystems. It also provides specialized knowledge required for understanding and working in the field of mathematical cryptology.

Program Requirements:
This certificate requires 18 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Courses -- 12 credit hours
MAT 440: Group Theory or MAT 444: Intermediate Abstract Algebra (3)

MAT 445: Theory of Numbers (3)
MAT 447: Cryptography I (3)
MAT 448: Cryptography II (3)

Electives (select two) -- 6 credit hours
MAT 415: Introduction to Combinatorics (3)
MAT 416: Graph Theory (3)
MAT 441: Ring Theory (3)
STP 421: Probability (3)
STP 427: Mathematical Statistics (3)

Students may substitute an approved cryptography-related internship for 3 credit hours of elective coursework.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This program has additional admission requirements; students should see a college advisor for details. Applicants should be in good academic standing with a "B" or better (scale is 4.00 = "A") in MAT 300 Mathematical Structures or the equivalent.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
A certificate in cryptology offers a wide variety of career possibilities. Some students pursuing this certificate are interested in areas such government, business, financial, medical and educational institutions. All of these institutions require skill sets involved in securing data, and this program assists students in developing these skills.

Contact Information:
Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR A208
math@asu.edu
480-965-7195

Data Science Certificate (ASDTSCERT)

Campus: West

Description:
The data science certificate program combines the strengths of database skills with interdisciplinary computational statistics.

The program provides students with an understanding of the computational and statistical methods used to extract insights from complex datasets and provides hands-on experience with them. In particular, it includes courses that cover key techniques for the different stages of the data science process: data collection, data processing for small and big data, data cleaning, exploratory data analysis, data visualization, predictive modeling with machine learning techniques and statistical modeling.

Program Requirements:
The certificate in data science consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be completed through courses offered by the School of Mathematical and Natural Sciences. A maximum of 6 credit hours may be shared between certificate and major coursework. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Required Courses -- 9 credit hours
ACO 320: Database Systems (3)
ACO 423: Data Science (3)
STP 315: Statistical Computing (3)

Electives (choose two courses) -- 6 credit hours
ACO 321: Database Development & Applications (3)

ACO 420: Big Data Systems (3)
ACO 421: Data Mining and Warehousing (3)
BMI 311: Modeling Biomedical Knowledge (3)
BMI 312: Modeling Biomedical Data (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Prerequisites for this certificate are:

ACO 201 Data Structures and Algorithms (3)
MAT 243 Discrete Mathematical Structures (3) or MAT 300 Mathematical Structures (3)
STP 226 Elements of Statistics (3)

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
A certificate in data science helps prepare students who have an interest in databases and statistics. Possible careers include data scientist, machine learning scientist or engineer, applications architect, data architect and data engineer.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Mathematical and Natural Sciences
https://newcollege.asu.edu/data-science-certificate
FAB N100
MNSadvising@asu.edu
602-543-3000

Desert Food Production Certificate (LSDFPRCERT)

Campus: Polytechnic

Description:
The certificate program in desert food production equips students interested in producing foods locally with the knowledge and skills they need in order to grow edible plants and to navigate the challenges unique to desert climates.

Coursework in the program emphasizes organic food production, sustainable horticultural technologies, green waste reduction, water conservation, maintaining biodiversity and biological cycles, and enhancing soil quality.

Students gain marketable skills that enable them to participate in the growing trend of producing and supporting the consumption of local foods.

Program Requirements:
The desert food production certificate requires a minimum of 18 credit hours.
A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 12 credit hours
ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)
ABS 368: Plant Propagation (3)
ABS 460: Organic Gardening (2)
ABS 464: Desert Horticulture (3)

Elective Courses -- 6 credit hours
At least four credit hours of certificate electives must be from upper-division courses.
No more than two credit hours of ABS 484 Internship may be counted toward the certificate requirements.
ABS 225: Soils (SQ) (3)
ABS 226: Soils Laboratory (SQ) (1)
ABS 360: Southwest Home Gardening (2)
ABS 462: Greenhouse/Nursery Management (4)

ABS 484: Internship (2)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

This certificate is open to students in any major.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance their career options with an undergraduate certificate.

Graduates who combined the certificate in desert food production with their major program of study may be more marketable to employers. Those who complete this undergraduate certificate along with their major often decide to pursue employment in nursery and greenhouse management, food science or farm and ranch management.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

Digital Business Innovation Certificate (BADBICERT)
Campus: Tempe

Description:
This certificate program in digital business innovation provides students with a broad overview of modern-day digital information systems. It gives exposure to modern tools for transforming business processes, maintaining digital presence and developing analytical insights.

Students who complete the program are well suited for the business landscape, phenomenally transformed in recent years by digital innovations.

Program Requirements:
The digital business innovation certificate is available to all majors. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better. No more than six credit hours may be shared between the certificate and other degree programs, minors, and/or other certificates.

Required Courses -- 18 credit hours
CIS 105: Computer Applications and Information Technology (CS) (3)
CIS 235: Introduction to Information Systems (3)
CIS 300: Web Design and Development (3)
CIS 308: Advanced Excel in Business (3)
CIS 311: Business Agile Project Management (3)
CIS 312: Business Mobile Commerce and Monetization (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in digital business innovation is open to all majors.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates who have combined the certificate in digital innovation with their major program of study may become more marketable to employers. They often decide to pursue employment in management, marketing, sales or communication.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Business, W. P. Carey School of
Department of Information Systems
https://wpcarey.asu.edu/information-systems-degrees
BAC 601
wpcareyis@asu.edu
480-965-3252

Digital Culture Certificate (HIDGCCERT)

Campus: Tempe

Description:

The digital culture certificate program in the Herberger Institute for Design and the Arts focuses on the creative exploration of how new media is influencing culture, or rather the way people live, learn, create and communicate.

Pursuing the digital culture certificate allows students to enhance their program of study with integrated, transdisciplinary training in creative processes and technical skills in new media with cultural applications.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Program Requirements:

The digital culture certificate requires 18 credit hours, of which 12 are upper division.
A minimum grade of a "C" (2.00) and an overall GPA of 3.00 is required in all courses in the certificate program. Courses in the certificate program may not be used as part of a major. All upper-division certificate coursework must be taken at ASU.

Required Courses -- 6 credit hours
AME 111: Introduction to Digital Culture (CS) (3)
AME 112: Computational Thinking for Digital Culture or AME 230: Programming for the Media Arts (CS) (3)

Digital Culture Studies -- 6 credit hours
AME 310: Media Literacies and Composition (3)
AME 320: Motion Capture for Integrative Systems (3)
AME 330: Digital-Physical Systems (3)
AME 340: Compositional and Computational Principles for Media Arts (3)
AME 394: Special Topics (3)
AME 410: Interactive Materials (3)
AME 430: Mac Development for Media Arts (3)
AME 435: Mobile Development (3)
AME 444: Media Installations (3)
AME 470: Programming for Social and Interactive Media (3)
AME 485: Digital Culture Capstone I (3)
AME 494: Animating Virtual Worlds (3)
AME 494: Special Topics (3)

ART 378: Digital Textiles (3)

FSH 394: Fashion Design & Wearable Technology (3)

Digital Media - Media Arts and Design -- 6 credit hours

AME 394: Special Topics (3)

AME 494: Special Topics (3)

ART 308: 2D Digital Animation (3)

ART 346: 3-D Computer Imaging and Animation (CS) (3)

ART 348: Animation Motion Studies (3)

ART 394: Digital Photography for Non-Majors (3)

ART 438: Moving and Interactive Systems in Sculpture (3)

ART 440: Experimental Video Art (3)

ART 494: Visual Prototyping (3)

CIS 300: Web Design and Development (3)

EDT 440: Creating and Marketing Mobile Apps (3)

EEE 307: Signal Processing for Digital Culture (3)

IAP 322: Multitrack Digital Recording (3)

IAP 361: Digital Editing and Media Literacy (CS) (3)

IAP 364: Documentaries (3)

IAP 394: Motion Graphics & Animation (3)

IAP 462: Games and Play (3)

MDC 311: Composing and Performing for Hybrid Ensembles (3)

Generous substitution rules allow for course flexibility. Students receiving the digital culture certificate can petition to substitute up to six credit hours. Three credit hours can come from any course related to digital culture through courses offered by any ASU unit on any ASU campus, including the interdisciplinary arts and performance program on the West campus and the film and media studies program on the Tempe campus. Courses may include any on the list of related subjects and substitutions (shown above) or courses with comparable content.

The other three substitution hours can be achieved through the following path:

The three-hour media arts and design course requirement may be substituted with a three-hour course in the digital culture-related category. Students who earn a digital culture certificate cannot earn a minor in digital culture.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Degree-seeking undergraduates or nondegree-seeking graduate students may add the digital culture certificate. Students must complete two AME courses with a "C" or higher to be eligible to add the certificate; this requirement is so that students' understanding of the discipline is sufficient to develop a pathway that best meets the proficiencies for the work they are interested in pursuing.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can advance their career options with a undergraduate certificate. The certificate in digital culture helps students become more marketable to employers by adding this specialization to complement their major program of study. Digital culture students go on to work in a variety of fields, some of which are mobile app design, audio production and autonomous systems.

Contact Information:

Design and the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
https://artsmediaengineering.asu.edu/
STAUF B217
digitalculture@asu.edu
480-965-9438

Disability Studies Certificate (LADISCERT)

Campus: Tempe

Description:

As a vibrant and diverse area of academic study, disability studies utilizes a cross-disability, intersectional and interdisciplinary approach that views disability as a social construct and people with disabilities as a minority group. The program in disability studies draws upon diverse disciplines such as history, sociology, law, policy studies, economics, anthropology, geography, philosophy, theology, gender studies, media studies, architecture and the arts in order to understand the social, cultural and political situation of disabled cultures.

Students are critically challenged to reject simplistic definitions of disability as a restrictive, functional impairment that requires fixing or curing. Rather, students learn to identify disability as a construct that finds its meaning within cultural contexts, is central to individual and social identity and crucial to changing political processes and public attitudes.

This program prioritizes development of theoretical, methodological, educational and advocacy models that redefine legal, physical, policy and attitudinal barriers excluding disabled communities from society.

Program Requirements:
Students must complete 15 credit hours with at least 12 hours completed at the upper-division level. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.

Students should contact the School of Social Transformation advising center for more information.

Required Courses -- 6 credit hours
JUS 235: Disability, Justice and Advocacy (C) (3)
JUS 437: The Social Construction of Disability and Justice (3)

Elective Courses -- 9 credit hours
AFR 317: Genes, Race and Society (SB & H & C) (3)
AFR 375: Race, Gender and Sport (SB & C) (3)
APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)
APA 350: Inequality and Diversity in Education (L & C) (3)
APA 355: Asian American Psychology (SB & C) (3)
CRD 302: Inclusive Community Development (SB & C) (3)
DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 458: Disability and Communication Advocacy (3)
EDS 301: Sustainable Community Design and Practices (HU) (3)
ENG 484: Internship (1-12)
GER 494: Posthumanism and the Ends of Man (3)
JUS 303: Justice Theory (L) (3)
JUS 305: Principles of Justice Studies (SB) (3)
JUS 365: Inequality and Diversity in Education (L & C) (3)
JUS 370: Cultural Diversity and Justice ((L or HU) & C) (3)
JUS 375: Justice and the Mass Media (SB) (3)
JUS 432: Racial Justice (L) (3)
JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)
JUS 440: Prisons, Power and the Punishments of the Past (3)
JUS 469: Political Deviance and the Law ((L or SB) & C) (3)
MHL 447: Music and Healing (HU & H & G) (3)
MUE 441: Psychology of Music (3)
PRM 364: Foundations of Recreation Therapy (SB) (3)
PRM 440: Advocacy in Therapeutic Recreation (3)
PRM 450: Therapeutic Recreation and Community Health (3)
PRM 453: Inclusive Community Sport (3)
PRM 455: Recreational Therapy and Play with Children, Youth and Families (3)
SHS 367: Language Science (SB) (3)
WST 313: Women and Sexuality (SB & C) (3)
WST 371: Sex and the City: Women, Sexuality, and Popular Culture (HU & C) (3)
WST 380: Race, Gender, and Class (SB & C) (3)
WST 477: Gender and Violence (SB & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students enrolled in the BA or minor in disability studies offered by the New College of Interdisciplinary Arts and Sciences are not prohibited from adding this certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- •Employ and critically assess core theories, models and perspectives that have contributed to the development of disability studies.
- •Understand and identify representations of disability as historically specific and culturally contingent.
- •Apply disability studies perspectives in the construction of social policy, engagement, and advocacy.

Career Opportunities:

Graduates who have combined the certificate in disability studies with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Diversity and Equity Studies Certificate (ASDESCERT)

Campus: West

Description:

This certificate program in diversity and equity studies develops students' intercultural competence through knowledge gained related to the histories, practices and perspectives of diverse groups, both local and global.

Reflecting on this knowledge permits students to develop strategies to work with and through differences of gender, race, ethnicity, sexuality, age, religion and class. Integrative social sciences perspectives enable bridge-building within and across differences to redress inequalities.

Program Requirements:

The certificate in diversity and equity studies requires a minimum of 15 credit hours (at least 12 must be upper division), consisting of a core of three credit hours and 12 credit hours of electives. Six credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of six credit hours may be shared between the certificate and major requirements. A maximum of three credit hours of internship or individualized instruction may be applied to the certificate.
Electives are not limited to the certificate elective list; see academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline. Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet certificate requirements.

Required Core Course -- 3 credit hours
SBS 301: Cultural Diversity ((L or SB) & C) (3)

Electives (minimum 9 upper-division) -- 12 credit hours
Students will select 12 elective credit hours from coursework related to diversity and equity studies. Selected courses must come from at least two of the following subjects: ASB, JHR, POS, SBS or SOC.
ASB 211: Women in Other Cultures ((HU or SB) & G) (3)
ASB 311: Principles of Social Anthropology (SB & G & H) (3)
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
ASB 346: Marriage and Family Diversity (SB & C) (3)
ASB 394: Special Topics or JHR 394: Special Topics or POS 394 / SBS 394 / SOC 394: Special Topics (1)
ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
ASB 484 / JHR 484 / POS 484: Internship or SBS 484: Internship or SOC 484: Internship (3)

ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494: Special Topics (3)
ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499: Individualized Instruction (3)
JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)
POS 357: South Asia Politics (SB & G) (3)
POS 436: Gender, Sexuality, Nation-States (3)
POS 437 / SOC 437: Women, Power, and Politics (G) (3)
POS 438: Latino Politics (SB & C) (3)
SOC 241: Modern Social Problems (SB) (3)
SOC 264: Sociology of Gender (SB & C) (3)
SOC 270: Sociology of Race and Ethnicity (SB & C) (3)
SOC 371: Inequality and Sustainability (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 426: Social Inequalities (SB) (3)
SOC 457: Global Social Movements (SB & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students should contact an advisor in the New College of Interdisciplinary Arts and Sciences for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This certificate is valuable to those pursuing careers in medicine, law, business and management, public policy, human resources, media, government and community advocacy. Possible careers include nonprofit worker, diversity officer, youth counselor, crisis response counselor, social worker and counselor.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/diversity-and-equity-studies
FAB N100
sbsadvising@asu.edu
602-543-3000

Domestic Violence and Evidence-based Practice Certificate (PPDVEPCERT)

Campus: Downtown Phoenix

Description:
The certificate program in domestic violence and evidence-based practice provides students with the experience and knowledge they need to intervene safely and effectively on behalf of the survivors of gender-based violence, a vulnerable group that helping professionals are likely to encounter in all areas of practice. Those knowledgeable about the dynamics of intimate partner violence are better equipped to assist those suffering its negative physical and mental health consequences.

Evidence-based care is crucial in domestic violence settings. Students of the certificate program engage in service-based and classroom learning to understand the role of evidence-based interventions in promoting survivor safety and client empowerment.

Upon completion of the program, certificate holders become Arizona state-certified advocates for victims of domestic violence.

Program Requirements:
During their first semester in the certificate, students enroll in SWU 416, Domestic Violence and National AmeriCorps Service.
A grade of B or better is required in each course to satisfy the certificate.
Students must participate in an approved internship for a minimum of 300 hours.

Required Courses -- 9 credit hours
SWU 416: Domestic Violence and National AmeriCorps Service (3)
SWU 484: Internship or SWU 412: Field Instruction I (3)

Notes: Other internship credit may be substituted with department approval.
SWU 484: Internship or SWU 414: Field Instruction II (3)
Notes: Other internship credit may be substituted with department approval.

Electives -- 6 credit hours
SWU 417: Technology, Interpersonal Relationships and Abuse (3)
SWU 418: Global Violence Against Women (3)
SWU 494: Domestic Violence: Fatality Analyses (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
All students seeking the certificate must have 56 credit hours of coursework completed with a minimum GPA of 2.50. In order to enroll in SWU 416, students must have a current Arizona fingerprint clearance card, which will be verified through the State of Arizona system.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Implement evidence-based interventions, safety planning and the utilize of an evidence-based safety decision aid (myPlan, a tool to enhance risk assessment).
  •Apply professional values and ethics

Career Opportunities:
The domestic violence and evidence-based practice certificate program prepares graduates to work with domestic violence survivors. Prospective administrators, helping professionals and community activists gain practical knowledge, implement interventions backed by evidence, and develop the tools and networks to create change for survivors, families and communities. Graduates are verified as Domestic Violence Advocates in the State of Arizona.

Career examples include:

 • domestic violence or lay legal advocate
 • domestic violence support group facilitator
 • shelter case manager

Contact Information:
Public Service and Community Solutions, Watts College of
School of Social Work
https://socialwork.asu.edu/
UCENT 810E
social.work@asu.edu
602-496-0800

Early Childhood Education Certificate (TEECDCERT)
Campus: Tempe, ASU Sync

Description:
The certificate program in early childhood education prepares students to support the cognitive and social-emotional development of young children.

This certificate program allows students to be eligible for dual-teaching certificates upon the completion of an undergraduate degree or to allow students to meet requirements for an Early Childhood endorsement. This certificate can be added to the following degree programs:

 • BAE in elementary education
 • BAE in elementary multilingual education
 • BAE in special education

Students develop skills in understanding and applying evidence-based practices in early childhood education. The innovative coursework is centered on child development theory, development of young children, assessment practices and instructional pedagogy. Students explore techniques and approaches to engage children's family members in the growth and development of young children.

Graduates earn an institutional recommendation for teacher certification in Early Childhood Education, Birth--Age 8 or Grade 3, or an endorsement in Early Childhood Education, Birth--Age 8 or Grade 3, through the Arizona Department of Education. Those desiring to teach in public schools must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Format option: This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Program Requirements:
In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.
This certificate requires 18 credit hours. A "C" or better is required in all coursework.

Required Courses -- 18 credit hours
ECD 321: Foundations in Language, Literacy and Culture in Early Childhood (L) (3)
ECD 417: Arts Integration for Young Children (3)
ECS 310: Foundations in Typical / Atypical Child Development (3)
ECS 312: Social and Emotional Development of the Young Child (SB) (3)
ECS 411: Instructional Methodologies for Young Children: STEM (3)
ECS 412: Mathematics Curriculum, Instruction and Assessment (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate is only open to students majoring in elementary education, special education, and elementary multilingual education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a non degree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career Opportunities:
There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with early childhood education credentials hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Early Childhood Special Education Certificate (TEECSCERT)

Campus: Tempe, ASU Sync

Description:
The certificate in early childhood special education prepares students to work with young children who have a disability or are at risk of developing one.

Students develop foundational knowledge of child development, including child development theories and best practices, including how to:

- assess, monitor and report the progress of young children
- build effective practices for engaging families
- create enriched, inclusive learning environments
- design coherent instruction
- plan and facilitate learning

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood Special Education, birth through grade 3, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Program Requirements:
In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.
This certificate requires 18 credit hours. A "C" or better is required in all coursework.

Required Courses -- 18 credit hours
ECD 321: Foundations in Language, Literacy and Culture in Early Childhood (L) (3)
ECS 310: Foundations in Typical / Atypical Child Development (3)
ECS 312: Social and Emotional Development of the Young Child (SB) (3)
ECS 411: Instructional Methodologies for Young Children: STEM (3)
ECS 420: Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities (3)
ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate program can be added to the following programs at Mary Lou Fulton Teachers College in order to allow students eligibility for dual-teaching certificates upon completion of their undergraduate degree:

- BAE in elementary education
- BAE in elementary multilingual education
- BAE in special education

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a non degree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career Opportunities:
There is a strong demand for both early childhood educators and special educators in Arizona and nationwide. Earning a credential that prepares graduates for both early childhood and special education can open many opportunities. Many graduates with early childhood education credentials hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 102
ASUeducation@asu.edu
480-965-9995

Economic Justice Certificate (LAECNJCERT)

Campus: Tempe

Description:
Through the certificate program in economic justice, students gain knowledge of economic justice that promotes the growth of sustainable local, national and global communities. They complete coursework in the theories and philosophies of economic justice and economic justice praxis to prepare them for transdisciplinary exploration into areas of personal interest.

Students who complete the program are prepared to support and create change by analyzing and developing policies to build local skills; developing the capacity to design, control, manage and evaluate initiatives that can economically revitalize communities; increasing research abilities; and laying the groundwork for new approaches to economic justice.

Program Requirements:
The certificate in economic justice requires 15 credit hours, of which at least 12 must be completed at the upper-division level. All courses must be completed with a grade or "C" (2.00 on a 4.00 scale) or better.

Theories and Foundation in Economic Justice (select one) -- 3 credit hours
ASB 316: Money and Culture (L or SB) (3)
ECN 360: Economic Development (SB & G) (3)
JUS 105: Introduction to Justice Studies (SB) (3)
JUS 305: Principles of Justice Studies (SB) (3)
WST 270: Global Perspectives on Women (3)

Economic Justice Praxis (select one) -- 3 credit hours
JUS 405: Inequality, Economy and Justice ((L or SB) & G) (3)
JUS 484: Internship (3)
JUS 499: Individualized Instruction (3)

SGS 350: Economic Development and Globalization (3)
SWU 432: Social Policy and Services (3)

Interdisciplinary Elective Component (9 hours)
To provide students with an opportunity to focus on a particular racial group, nation, region, or specific historical event while also providing a broad interdisciplinary framework, students will select three electives. Courses must be taken from both of the substantive areas below, and from two or more academic units. Any course listed below may count towards this requirement, as well as other courses approved by the program director.

Race, Gender, Class, Citizenship and Economic Justice (select two) -- 6 credit hours
AFR 350 / APA 350 / SOC 350 / CDE 350 / JUS 365 / TCL 360: Inequality and Diversity in Education (L & C) (3)
AIS 380: Contemporary Issues of American Indian Nations (C) (3)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) (3)
HST 325: Immigration and Ethnicity in the United States (SB & H & C) (3)
IAS 305: Work and Identity (SB) (3)
JUS 420 / SOC 425: Women, Work, and Justice ((L or SB) & C) (3)
JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)
SWU 374: Diversity and Oppression in a Social Work Context (C) (3)
TCL 314 / SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)

National and Global (select one) -- 3 credit hours
AFR 302 / WST 302 / HST 335: History of Black Women in America (SB & H) (3)
ECN 441: Public Economics (SB) (3)
JUS 321: Wealth Distribution and Poverty (SB & C) (3)
JUS 323: Justice and the Development of the Welfare State (SB) (3)
JUS 325 / SGS 325: Globalization and Socio-Economic Justice (SB & G) or SOC 325: null (3)
JUS 432 / SOC 432: Racial Justice (L) (3)
JUS 435: Cinema and Justice (3)
JUS 456 / SOS 456 / SOC 455: Human Rights and Sustainability ((L or SB) & G) (3)
JUS 469: Political Deviance and the Law ((L or SB) & C) (3)
PHI 336: Social and Political Philosophy (HU) (3)
POS 480 / SBS 480: Global Justice (G) (3)
POS 486: International Political Economy (SB & G) (3)
WST 365: Women and International Health (G) (3)
WST 477: Gender and Violence (SB & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
In order to declare this certificate, a student must first have a minimum of 30 earned credit hours.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Critically assess core theory, concepts, and methods for the study of economic justice issues.
  •Apply the fundamental principles of economic justice to the specific domestic or international issues through community engagement and research.

Career Opportunities:
Graduates who combine the certificate in economic justice with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of

School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-956-7682

Elementary Education Certificate (TEEEDCERT)

Campus: Polytechnic, Tempe, West, ASU Sync

Description:
The certificate program in elementary education prepares students to work with children, kindergarten through grade 8, in an educational setting.

This certificate program can be added only to the following majors in Mary Lou Fulton Teachers College granting students eligibility for dual-teaching certificates at the completion of their undergraduate degree program:

- BAE in early childhood education
- BAE in physical education
- BAE in secondary education
- BAE in special education

Students engage in innovative coursework grounded in theory-based strategies and evidence-based practices for teaching. Coursework is designed to support the development of instructional competencies, professional skills, content knowledge and pedagogical content knowledge in mathematics, science, English language arts and social studies.

This program has a strong focus on teaching and learning practices that foster equitable access and outcomes for culturally and linguistically diverse students and learners with special needs and exceptionalities.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K-8, as recognized by the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Program Requirements:
In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.
This certificate requires 18 credit hours. A "C" or better is required in all coursework.

Required Courses -- 18 credit hours
EED 324: Social Studies in Elementary Schools (3)
EED 411: Science in Elementary Schools (3)
EED 412: Mathematics in Elementary Schools (3)
EED 433: Writing in the 21st Century (3)
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners (3)
TEL 331: Foundations of Literacy: The Science of Reading (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate is only open to students majoring in early childhood education, special education, secondary education or physical education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a non degree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career Opportunities:
Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Many graduates with degrees in elementary education also work at community organizations serving children and youth.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu
ED 102
ASUeducation@asu.edu
480-965-9995

Energy and Sustainability Certificate (SUESUCERT)
Campus: Downtown Phoenix, Polytechnic, Tempe

Description:
The transdisciplinary certificate program in energy and sustainability examines current energy systems and explores what will be required to transition to a sustainable energy future.

Students begin with an overview of how energy affects people's lives, the basic science and methods of energy production, and a full overview of energy policy options. Students may tailor the certificate around their unique interests in energy with a variety of electives representing a broad array of academic disciplines. The breadth of their energy knowledge is enriched by taking courses outside their primary area of study.

An understanding of energy is increasingly important for jobs related to climate change, environmental quality, urban sustainability and sustainable development. This program helps students enhance their understanding of the technology and infrastructure for generating, distributing and using energy; the associated sustainability issues; and the social and policy dimensions of energy systems.

Program Requirements:
The certificate in energy and sustainability consists of 15 credit hours, of which at least 12 must be upper division.
A minimum GPA of 2.50 is required for all courses completed in the certificate.

Required Core Courses -- 9 credit hours
SOS 171 / GCU 171: The Thread of Energy (SB & G) (3)
SOS 314: Basic Energy Science or SOS 324: Sustainable Energy Technology and Systems (3)
SOS 315: Energy Policy (3)

Energy Elective Courses -- 6 credit hours
ALT 412: Village Energy Systems (3)
CHM 394: Chemistry, Energy, and Society (3)
EGR 371: Best Practices for Humanitarian Engineering (3)
EGR 476: Microgrid Design and Operation (3)
ERM 494: Algae in Water/Energy/Food Nexus (3)
FIS 494: Climate Change, Energy, and Social Justice (3)
GCU 364: Energy in the Global Arena (SB & G) (3)

GCU 442: Geographical Analysis of Transportation (SB) (3)
GLG 304: Minerals, Energy, and Society (3)
GPH 405: Energy and Environment (3)
JUS 332: Politics of Energy Policy and Justice (3)
JUS 444: Environment and Justice (L & C) (3)
PHY 498: The Science of Sustainable Energy (3)
POS 394: Global Environmental Politics (3)
PUP 430: Transportation Planning and the Environment (3)
SOS 309: History and Philosophy of Sustainability (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 435: U.S. Energy: Pathways to Sustainability (3)
SOS 494: Renewable Energy (3)
SOS 498: Designing a Living Building (L) (3)
STS 317: Science, Technology, and Global Engagement (SB & G) (3)
STS 329: Technology in Developing Countries (SB & G) (3)
STS 332: Global Issues in Science and Technology (SB) (3)
TEM 450: Design for the Developing World (3)

394, 494 and 498 courses must be taken with the specific course title/topic indicated above.

Energy elective courses are not limited to courses from this list only. Other courses on energy may be offered (special topics, etc.). Students may request to have those approved as an elective for this certificate by submitting a College of Global Futures undergraduate standards petition: https://students.asu.edu/College_Standards_Petitions (https://students.asu.edu/College_Standards_Petitions). Completed petitions may be submitted directly to cgfadvising@asu.edu (mailto:cgfadvising@asu.edu).

Prerequisite courses may be needed in order to complete the requirements of this certificate.
Students must earn a grade of "C" or better in all courses.
Some energy elective courses have prerequisites. Any and all prerequisites must be met in order to select and enroll in those courses.
Some energy elective courses are more technical in nature, which may require additional math and science knowledge or prerequisites.

Enrollment Requirements:
Advising is not required, but students who wish to speak with an advisor can make an appointment through the College of Global Futures advising website: https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Global Opportunities:
Global Experience:
With over 250 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. https://goglobal.asu.edu (https://goglobal.asu.edu)

Students may also participate in a School of Sustainability study abroad program. More information is available on the school's study abroad website at https://schoolofsustainability.asu.edu/student-life/study-abroad (https://schoolofsustainability.asu.edu/student-life/study-abroad).

Career Opportunities:
Graduates of this program can pair the certificate with a bachelor's degree to make themselves competitive for energy jobs in a variety of sectors. Government, utilities, nonprofit and private businesses are a few examples of entities that need employees with the unique knowledge and skills gained from this transdisciplinary program who understand and can analyze energy systems, energy policy and sustainability.

Contact Information:
Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
WGHL 108

cgfadvising@asu.edu
480-727-6963

Entrepreneurship and Innovation Certificate (BAKEICERT)

Campus: Tempe

Description:

The certificate program in entrepreneurship and innovation is comprised of three university-wide core courses, two courses within a student's disciplinary college and one approved certificate elective. Individual colleges are encouraged to offer a capstone course as part of the program.

Beyond those related specifically to entrepreneurial business practices, courses include such topics as social entrepreneurship, arts entrepreneurship, idea generation and storytelling as additional perspectives for the student entrepreneur.

Students completing the certificate in entrepreneurship and innovation have their achievements recognized on their transcripts. Career services markets the certificate to potential employers, highlighting the innovative skills that students with this designation can offer.

Program Requirements:

The entrepreneurship and innovation certificate requires 15 credit hours and is available to all majors. At least 12 credit hours must be upper division. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.

Required Core Courses -- 9 credit hours
ENT 305: Principles of Entrepreneurship (3)
ENT 340: Creativity and Innovation (L or HU) or TEM 230: Creativity and Business Innovation (3)
ENT 360: Entrepreneurship and Value Creation or TEM 400: Technology Entrepreneurship (3)

Concentration Electives -- 6 credit hours
Concentration Electives: Students will select two courses within the same concentration below. (6)
It is the student's responsibility to check the prerequisites required by courses in their discipline.
Concentration electives will be designated and approved by individual disciplinary colleges.

American Indian Studies Concentration
AIS 375: Innovation for American Indian Sustainability (3)
AIS 385: Entrepreneurship for American Indian Sustainability (3)

Anticipating Futures Concentration
FIS 305: Ways of Knowing (L) (3)
FIS 307: Navigating Futures (SB) (3)
FIS 308: Politics, Markets and Innovation (SB) (3)

Aviation Management Concentration
AMT 491 is required in the aviation management concentration. Students will choose one other AMT course.
AMT 308: Air Transportation (G) (3)
AMT 489: Airline Administration (3)
AMT 491: Aviation Management Capstone (3)

Biomedical Engineering Concentration
BME 300: Bioengineering Product Design (3)
BME 417: Biomedical Engineering Capstone Design I (L) (4)
BME 490: Biomedical Engineering Capstone Design II (L) (4)

Business/Start-up Concentration
AGB 456: Food Product Innovation and Development (3)
ENT 445: Business Model Development (3)
ENT 446: Venture Capital Experience (3)
ENT 447: Lean Launch (3)
ENT 464: Collaborative Design Development I (L) (5)
ENT 465: Collaborative Design Development II (L) (5)
FIN 455: Entrepreneurial Finance (3)
MKT 442: Services Marketing Strategy (3)

Design and Arts Concentration
ARA 396: Professional Practices for Design and the Arts (3)
ARA 460: Gallery Exhibitions (3)

DSC 394: Design Entrepreneurship & Society (3)
HDA 252: Foundations Arts and Design Entrepreneurship (3)
FMP 417: Business and Legal Practices in Entertainment (3)
MUP 438: The Enterprising Musician (3)
MUP 439: Music Product Creation and Development (3)
THP 351: Arts Management (3)
THP 450: Theatre Organization and Management (3)

Digital Media Entrepreneurship: Web Concentration
AME 435: Mobile Development (3)
GIT 402: New Media Internet Technologies (3)
GIT 414: Web Site Design and Internet/Web Technologies (3)
GIT 417: Advanced Web Markup and Scripting (3)
GIT 435: Website and E-Commerce Strategies (3)
GIT 480: Senior Project (3)

Herberger, FSE, WPC: Innovation Space Concentration
New product development. Students enroll in the courses associated with their major.
ENT 464: Collaborative Design Development I (L) AND ENT 465: Collaborative Design Development II (L) (10)
GRA 464: Collaborative Design Development I (L) AND GRA 465: Collaborative Design Development II (L) (10)
IND 464: Collaborative Design Development I (L) AND IND 465: Collaborative Design Development II (L) (10)

Ira A. Fulton Schools of Engineering: Alternative Energy Entrepreneurship Concentration
ALT 420: Electrochemical Energy Technologies (3)
ALT 435: Applied Photovoltaics (3)
ALT 445: Automotive and Stationary Fuel Cell Systems (3)

Ira A. Fulton Schools of Engineering: Process Innovation Concentration
TMC 331: Quality Assurance (3)
TMC 430: Enterprise Strategy and Innovation (3)

Ira A. Fulton Schools of Engineering: New Product Development Concentration
CSE 335: Principles of Mobile Application Development (3)
TEM 330: Systems Innovation (3)
TEM 400: Technology Entrepreneurship (3)

Ira A. Fulton Schools of Engineering: Social Entrepreneurship Concentration
TEM 450: Design for the Developing World (3)
TEM 455: Global Impact Entrepreneurship (3)
TEM 482: Startup Workshop (3)

Small Business Concentration
ENT 441: Entrepreneurial Management (3)
ENT 445: Business Model Development (3)
ENT 448: Corporate Entrepreneurship (3)
MKT 435: Entrepreneurial Marketing (3)
MKT 440: Creating Digital Experiences (3)

The College of Liberal Arts and Sciences: Science Concentration
BIO 312: Bioethics (HU) (3)
BIO 416: Biomedical Research Ethics (L) (3)
NTR 344: Nutrition Management and Leadership (L) (3)
PHI 320: Bioethics (HU) (3)

Walter Cronkite School of Journalism & Mass Communication Concentration
JMC 455: Digital Media Entrepreneurship (3)
JMC 473: The Business and Future of Journalism (3)
JMC 477: New Media Innovation and Entrepreneurship Lab (3)
MCO 335: Social Media (3)
MCO 425: Digital Media Literacy I (3)

Watts College of Public Service and Community Solutions Concentration
NLM 410: Social Entrepreneurship (3)
NLM 430: Managing Nonprofit Organizations (L) (3)

NLM 435: Service Learning for Community Development (3)
PRM 402: Assessment and Evaluation of Community Services (3)
PRM 427: Where's the Money: Special Event Revenue Generation (3)
PRM 475: Entrepreneurial Recreation and Tourism (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in entrepreneurship and innovation is available to all ASU students in good standing except those majoring in business entrepreneurship, management with a concentration in entrepreneurship, and technology entrepreneurship and management.

No more than six credit hours may be shared between the certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in entrepreneurship and innovation with their major program of study may become more marketable to employers. They often decide to pursue employment in management, sales and marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of
Department of Management and Entrepreneurship
https://wpcarey.asu.edu/undergraduate-degrees/entrepreneurship-innovation-certificate
BA 318
wpcareymgt@asu.edu
480-965-3431

Environmental Education Certificate (TEEVEDCERT)

Campus: Polytechnic, Tempe, West

Description:
The certificate in environmental education is for students in all majors and for nontraditional educators. The program is designed to establish standards for professional excellence in environmental education.

Environmental education is taught in traditional classrooms and in community-serving organizations such as nature centers, museums, parks and zoos. The coursework required in the certificate increases the environmental literacy of future educators, fosters community leadership strategies and provides opportunities to practice environmental education teaching methods.

Students who complete the certificate are eligible to apply for the environmental education certificate recognized by the North American Association for Environmental Education.

Program Requirements:
This certificate requires a minimum of 15 credit hours, 12 of which must be upper division. A "C" or better is required in all coursework.

Required Core Courses (select three) -- 9 credit hours
SCN 201: Discovering the Deserts of the Southwest or SCN 301: Ecology and Natural History of the Sonoran Desert (SG) (4)
SCN 207: Introduction to Biomimicry or SCN 307: Learning from Nature: Biomimicry and STEM (3-4)
SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G) or SCN 308: Urban Environmental Education (3-4)
SCN 300: Foundations of Environmental Education (3)
SCN 302: Environmental Education (L & G) (3)
SCN 310: Biodiversity Conservation: An Educational Inquiry (4)

Elective Options -- 6 credit hours
Any core course not taken above may be used to satisfy electives.

SCN 209: Introduction to Environmental Education Project or SCN 309: Environmental Education Project (1)
SCN 303: Environmental Education Internship (1-3)
SCN 304: Sonoran Desert Flora (3)
SCN 305: Tropical Ecology: A Cultural Exchange (3)
SCN 311: Nature Mindfully (3)
SCN 400: Sustainability Science for Teachers or SCN 401: Sustainability Science, Technology, and Society (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who combine the certificate in environmental education with their major program of study may become more marketable to employers. They often decide to pursue employment in educational settings such as nonprofit organizations, nature centers, museums, parks and zoos.

The environmental education certificate does not lead to teacher certification.

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 120
education@asu.edu
480-965-5555

Environmental Humanities Certificate (LAENHCERT)
Campus: Tempe

Description:
The environmental humanities certificate is for students who are interested in humanities-based approaches to the current global environmental crisis, a vital area of study.

Courses are focused on the human relationship to the environment and the relationship between nature and culture. To gain practical experience, students also complete an internship in environmental activism, policy development, education or another pertinent area.

ASU's Department of English has an extensive internship program, offering placements in publishing, media and marketing, government, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:
The environmental humanities certificate consists of 15 hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by the Department of English in The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Required Courses (choose one) -- 3 credit hours
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
ENG 371: Rhetoric of the Environmental Movement (3)
ENG 378: Environmental Creative Nonfiction (L or HU) (3)

Internship or Independent Study -- 3 credit hours
ENG 484: Environmental Humanities Certificate or ENG 499: Individualized Instruction (3)

Electives (choose three) -- 9 credit hours
ASB 326: Human Impacts on Ancient Environments (SB & H) (3)
ASB 370 / SOS 370: Ethics of Eating (L or SB) (3)
BIO 324 / PHI 310: Environmental Ethics (HU) (3)

ENG 334: The American Southwest in Literature and Film ((L or HU) & C) (3)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) (3)

ENG 367: Environmental Issues in Literature and Film (L or HU) (3)

ENG 371: Rhetoric of the Environmental Movement (3)

ENG 378: Environmental Creative Nonfiction (L or HU) (3)

ENG 468: Environmental Literary Criticism (L or HU) (3)

HST 342: U.S. West 20th Century (SB & H) (3)

HST 345: Environmental History (L) (3)

JUS 332: Politics of Energy Policy and Justice (3)

JUS 444: Environment and Justice (L & C) (3)

PSY 306: Environmental Psychology (SB) (3)

REL 349: Nature, Sustainability and Religion (3)

SGS 330: Globalization and the Environment: Problems and Solutions (3)

SOC 331: Environmental Sociology (SB & G) (3)

SOS 110: Sustainable World (SB) (3)

SOS 320: Society and Sustainability (L or SB) (3)

SOS 370 / ASB 370: Ethics of Eating (L or SB) (3)

Other courses may be used by approval of an academic advisor in the Department of English.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

•Produce analytic writing about environmental issues that meets or exceeds standards in the field.

•Engage critically, with writing and group oral discussion assignments, with up-to-date scholarly or creative Environmental Humanities texts.

•Present team-prepared oral presentations on the cultural elements of an environmental challenge they are studying in order to prepare to learn team work and how to present pressing issues accessibly to the public.

Career Opportunities:

The certificate provides students with a multidisciplinary knowledge base and practical skill set to enact social and environmental change. Students who complete this certificate are well-prepared for careers in sustainability, environmental science and public policy and are better equipped to implement environmentally-responsible practices into their own lives.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts and Sciences, The College of

Department of English

https://english.asu.edu/

RBHL 170

englishadvising@asu.edu

480-965-3168

Environmental Humanities Certificate (LSENHCERT)

Campus: Polytechnic

Description:

The environmental humanities certificate program offers students who are interested in humanities-based approaches to the current global environmental crisis an option to focus on this vital area of study. Students take courses and electives from selected programs focused on the

human relationship to the environment and the relationship between nature and culture.

Program Requirements:
This certificate is comprised of 24 credit hours, including at least 12 upper-division credit hours. Six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Core Courses -- 12 credit hours
Pick four ENG courses from the list below, with a minimum of at least one 400-level course:*
ENG 334: The American Southwest in Literature and Film ((L or HU) & C) (3)
ENG 359: Indigenous American Literature ((L or HU) & C) (3)
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
ENG 371: Rhetoric of the Environmental Movement (3)
ENG 378: Environmental Creative Nonfiction (L or HU) (3)
ENG 468: Environmental Literary Criticism (L or HU) (3)
ENG 469: Science and Literature (3)
*Note: Other ENG courses may be approved by CISA advisors depending on special- or variable-topics courses available in given semesters.

Elective Courses -- 12 credit hours
Complete at least four additional courses for a minimum of 12 credit hours. Students must work with an academic advisor in the College of Integrative Sciences and Arts to select electives. Some courses are limited to students majoring in the discipline, have prerequisites or cannot be taken in combination with another course on the list. Additional courses may be approved by the College of Integrative Sciences and Arts advisor depending on special- or variable-topics courses available in given semesters.

ASB 326: Human Impacts on Ancient Environments (SB & H) (3)
GPH 210: Society and Environment (G) (3)
HST 280: History of Science, Ideas and Innovation (SB & G & H) (3)
HST 344: Arizona (SB & H) (3)
HST 345: Environmental History (L) (3)
IAS 409: Eco-Community Ethics (HU) (3)
JUS 444: Environment and Justice (L & C) (3)
LSC 362: The Human Environment (3)
PRM 380: Wilderness and Parks in America (SB & H) (3)
SOS 100: Introduction to Sustainability (G) (3)
TDM 480: Sustainable Tourism (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The environmental humanities certificate is available to all ASU undergraduate students.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
An undergraduate certificate can help in career advancement. Students who add this specialization in environmental humanities as a complement to their major program of study may become more marketable to employers.

Students who complete this undergraduate certificate often decide to pursue employment in environmental restoration planning, environmental protection or environmental communication.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
CISA@asu.edu
480-727-1526

Ethics Certificate (LAETHCERT)

Campus: Tempe

Description:

The ethics certificate program is designed to give students a richer understanding of systematic philosophical thinking about ethics. Students with majors in business, nursing, journalism and public administration as well as students planning to pursue legal careers, among others, may well find that training in ethics is beneficial to their career goals.

The certificate program permits some flexibility regarding course selection, thereby facilitating particular student interests.

Program Requirements:

The certificate in ethics consists of 18 credit hours approved by an undergraduate advisor in the School of Historical, Philosophical and Religious Studies. All courses must be passed with a minimum grade of "C" (2.00 on a 4.00 scale). At least 12 credit hours must be upper division. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences.

Core Course (choose one) -- 3 credit hours
PHI 335: History of Ethics (HU) (3)
PHI 337: Ethical Theory (HU) (3)
PHI 338: Metaethics (3)

Electives (choose five) -- 15 credit hours
PHI 105: Intro to Ethics (HU) (3)
PHI 107: Introduction to Philosophy of Sex and Love (HU) (3)
PHI 120: Introduction to Medical and Bioethics (HU) (3)
PHI 304: Existentialism (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 310: Environmental Ethics (HU) (3)
PHI 320: Bioethics (HU) (3)
PHI 324: Existential Ethics (HU) (3)
PHI 326: Philosophy of Happiness (HU) (3)
PHI 335: History of Ethics (HU) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 337: Ethical Theory (HU) (3)
PHI 338: Metaethics (3)
PHI 347: Philosophical Theories of Constitutional Law (3)
PHI 360: Business and Professional Ethics (HU) (3)
PHI 370: Sports Ethics (HU) (3)
PHI 405: Moral Psychology (3)
PHI 406: Moral Dilemmas (L or HU) (3)
PHI 408: Feminist Ethics (HU) (3)
PHI 409: Eco-Community Ethics (HU) (3)
PHI 420: Disaster Ethics (3)
PHI 420: Ethics in Plato & Aristotle (3)
PHI 420: Ethics of Sustainability (3)
PHI 420: Feminist Philosophical Literature (3)
PHI 420: Foundations of Bioethics (3)
PHI 420: Justice (3)
PHI 420: Medical Ethics (3)
PHI 420: Normative Ethics (3)
PHI 420: Political Philosophy and Pandemic Ethics (3)
PHI 420: Stoicism (3)
PHI 420: Well-Being: Philosophy of Happiness (3)

PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. Only topics related to ethics will apply to the certificate.

One course outside the list of electives, and perhaps outside the PHI subject code, may be used with written approval of the director of undergraduate studies.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Incompatible Majors: BA in philosophy (morality, politics and law)

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
 •Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory provide moral standards that dictate which (if any) actions are right and wrong or how well different metaethical theories such as realism, expressivism, relativism, nihilism, compatibilism or incompatibilism account for the meaning and truth of moral claims.
 •Apply leading ethical theories to practical ethical questions that arise in life

Career Opportunities:
An undergraduate certificate can advance students' career options.

Students become more marketable to employers when they complement their major program of study with this specialization in ethics. The certificate is evidence of analytical, reasoning and writing skills and competence in areas of increasing concern to employers, such as ethics, public policy and justice.

Students who complete the ethics certificate often decide to pursue careers in business, law, policy or politics. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Ethnic Studies Certificate (ASETHCERT)
Campus: West

Description:
The certificate program in ethnic studies explores the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas. The coursework combines topics in the humanities, arts and social sciences, and instruction is given on methods to critically analyze racial, ethnic, gender and sexual identities; transnational movements; and diverse forms of cultural, literary and political expression.

The certificate in ethnic studies is recommended for graduate students, nondegree students and students majoring in professional programs, and it is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:
The certificate in ethnic studies consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Up to six credit hours may be shared between a major and the certificate. Up to three credit hours of individualized instruction may be applied toward the certificate.
Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline. All courses in the certificate must be passed with a minimum grade of "C" (2.00).

Required Courses -- 6 credit hours
ETH 100: Ethnic and Indigenous Lives (SB & C) (3)
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Upper-Division Electives -- 12 credit hours
ENG 420 / IAS 420: Multicultural Autobiographies ((L or HU) & C) (3)
ENG 462: Africana Literature (HU & G) (3)
ENG 463: African American Literature (3)

ENG 476: Studies in Folklore (3)

ETH 353 / ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

ETH 354 / ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)

ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)

ETH 428 / AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)

ETH 430 / WST 430: Gender on the Borderlands (SB & G) (3)

ETH 433 / WST 433: Race and Sexualities in Social Justice Movements (3)

ETH 450: Latina/os, Schooling and Social Inequality (C) (3)

ETH 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

ETH 499: Individualized Instruction (3)

HST 419: 20th Century Chicano/a History (C) (3)

SBS 301: Cultural Diversity ((L or SB) & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the certificate is added to the student's program of study.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

This program prepares students for careers or graduate school in a variety of fields, including business, health care, criminal justice, social services, education, public relations, community development, public policy and government. Potential careers include community health worker, social and community service manager, secondary and high school teacher, and journalist.

Contact Information:

Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/ethnic-studies-certificate
FAB N100
harcsadvising@asu.edu
602-543-3000

European Studies Certificate (LAESCERT)

Campus: Tempe

Description:

The European studies certificate program provides a broad overview of the European countries, from their natural environment to their cultural, demographic, economic and political aspects. The pressing issues facing Europe today reveal both its tremendous diversity and the globalizing elements that invite investigation.

This certificate, a transdisciplinary collaboration involving several faculties of the School of International Letters and Cultures and other ASU faculty engaged in the study of Europe, serves a diverse population of students who would like to enhance their knowledge of European cultures for both academic and professional purposes.

This program focuses on the interconnectedness of knowledge involving European cultures, politics, religions, ethnicities, social-economic justice and sustainable solutions to old and new challenges and divisions in today's Europe. It also develops students' ability to analyze the historical development of the region and its exchanges with other world cultures. Students analyze what it meant to be European in the past and what it means today and how that knowledge can be applied to contemporary political and cultural debates as well as to professional opportunities in the region.

Program Requirements:

The certificate requires 15 credit hours of upper-division coursework. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Core Course -- 6 credit hours

GCU 325: Geography of Europe (SB & G) or POS 352: European Democracies (3)

SLC 429 / ENG 429 / THE 429: What is Europe? (3)

Electives (choose two) -- 6 credit hours

FRE 321: French Cultural Masterpieces I ((L or HU) & H) (3)

FRE 322: French Cultural Masterpieces II (L or HU) (3)

FRE 414 / ITA 414 / SLC 414: French and Italian Popular Culture ((L or HU) & G) (3)

FRE 415: French Civilization I (HU) (3)

FRE 416: French Civilization II (HU & G) (3)

FRE 494 / ITA 494: Paris & Florence in the Middle Ages (1100-1500) or SLC 494: Paris and Florence in the Middle Ages (1100-1500) (3)

GCU 325: Geography of Europe (SB & G) (3)

GCU 426: Geography of Russia and Surroundings (SB & G) (3)

GER 416: German Civilization (HU & H & G) (3)

GER 422: German Literature Survey, 1800-Today (L or HU) (3)

GER 445 / FMS 445: The Holocaust in German-Mediated Memory (3)

GER 446: Weimar-Era German Film (3)

GER 447 / SLC 447: German Modernism (3)

GRK 344 / LAT 344 / SLC 344: Classics and Comics (HU) (3)

GRK 347 / HST 347 / SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)

GRK 360 / LAT 360 / SLC 360 / HST 397: Greece and Rome at War (3)

GRK 362 / SLC 362 / REL 360: Ancient Greek Religion (HU) (3)

HST 304 / JST 304: Studies in European History (3)

HST 351: Renaissance Europe ((L or HU or SB) & H) (3)

HST 352: Europe's Reformations ((L or HU or SB) & H) (3)

HST 353: Old Regime in Europe (SB & H) (3)

HST 354: Revolutionary Europe (SB & H) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 356: Europe since 1945 (SB & G & H) (3)

HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)

HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H) (3)

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) (3)

HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)

HST 368: Culture and Imagination in European History (HU & H) (3)

HST 370: Eastern Europe in Transition (SB & G & H) (3)

HST 373 / LAT 373 / SLC 373: Roman History I: Foundations and Republic (3)

HST 374 / LAT 374 / SLC 374: Roman History II: The Roman Empire (3)

HST 427: French Revolution/Napoleonic Era (SB & H) (3)

HST 429: Modern Germany (SB & G & H) (3)

HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H) (3)

HST 495: Holocaust (L) (3)

ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) (3)

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) (3)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) (3)

ITA 350 / SLC 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)

ITA 423 / SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) (3)

POS 352: European Democracies (3)

POS 356: European Union (SB & G) (3)

REL 312: History and Memory of the Holocaust (3)

REL 377: Religion in Russia (HU & H) (3)

REL 382: Magick, Religion and Science (L or HU) (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)

RUS 430: Russian Short Story (L or HU) (3)

RUS 440: Russian Mass Media (G) (3)

SLC 442 / ROM 442: Dracula and Vampire Lore ((L or HU) & G & H) (3)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) (3)

SPA 426: Literature and Society in Modern Spain (HU) (3)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

Capstone Experience (choose one) -- 3 credit hours

Upper Division Capstone Elective (3)

Students select Capstone Experience from list below in consultation with the European studies certificate faculty coordinator and academic advisor.

Students may use credit earned on a study abroad program in a European country. Placement of the credit must be reviewed and approved by the European studies certificate faculty coordinator and the academic advisor.

Independent Study with Area Expert
FRE 499: Individualized Instruction (3)
GER 499: Individualized Instruction (3)
ITA 499: Individualized Instruction (3)
ROM 499: Individualized Instruction (3)
RUS 499: Individualized Instruction (3)
SLC 499: Individualized Instruction (3)
SPA 499: Individualized Instruction (3)

Internship
FRE 484: Internship (3)
GER 484: Internship (3)
ITA 484: Internship (3)
RUS 484: Internship (3)
SLC 484: Internship (3)
SPA 484: Internship (3)

Professional Seminar
SLC 498: Pro-Seminar (3)
SPA 498: Pro-Seminar (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in European studies with their major program of study may become more marketable to employers. They often decide to pursue employment in education, political analysis, tourism and hospitality or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-european-studies
DH 131
silcadvising@asu.edu
480-965-6281

Evolutionary Medicine Certificate (LAEVMDCERT)

Campus: Tempe, Online

Description:
With rising need for health science-related skills and an aging population in the United States, innovations in health and medicine are in demand. Evolutionary medicine is a new and burgeoning field situated between the life and social sciences that seeks to integrate the fields of evolutionary biology, genetics, medicine, global health and public health to transform our understanding of disease and improve human health.

In this certificate program, students learn how to integrate perspectives from across fields to answer questions about health and disease in the context of human life history. They are introduced to integrated approaches within the biological and social sciences that are capable of address an emerging, anticipated public need such as reemerging infectious disease, challenges with vaccines, the expansion of chronic disease and other growing public health crises.

Program Requirements:
The certificate in evolutionary medicine consists of 15 credit hours, at least 12 of which must be upper division. All 15 credit hours must be completed at ASU. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.

Required Courses -- 6 credit hours
ASM 403 / BIO 403: Evolutionary Medicine and Global Health (3)
BIO 408 / ASB 408: Advanced Evolutionary Medicine (3)

Electives -- 9 credit hours
A minimum of six credit hours of electives must be upper division.

ASB 250 / BIO 250: Introduction to Evolution and Medicine (SB & G) (3)
ASB 448 / BIO 448: Maternal and Child Health (3)
ASB 462: Medical Anthropology: Culture and Health (SB & C) (3)
ASM 246: Human Origins (SB) (3)
ASM 342 / BIO 327: Evolution of Human Behavior (3)
ASM 345: Disease and Human Evolution (3)
ASM 394 / BIO 394: Ecology and Evolution of Infectious Diseases (3)
ASM 401: Health and Human Biology (3)
ASM 446 / BIO 446: Principles of Human Genetics (L) (3)
ASM 456: Infectious Disease and Human Evolution (3)
ASM 494 / BIO 494: Evolution and Mental Disorders (3)
BIO 302: Cancer--Mother of All Diseases (L) (3)
BIO 318 / HPS 331: History of Medicine (HU & H) (3)
BIO 345: Evolution (3)
BIO 394 / PSY 394: Introduction to Evolutionary Psychology (3)
BIO 440 / MBB 440: Functional Genomics (3)
BIO 462: Endocrine Physiology (3)
MBB 445 / MIC 445: Techniques in Molecular Biology/Genetics (3)
MIC 205: Microbiology (SG) or MIC 220: Biology of Microorganisms (3)
MIC 314: HIV/AIDS: Science, Behavior, and Society (3)
MIC 425: Advanced Immunology (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Graduates who have combined the certificate in evolutionary medicine with their major program of study may become more marketable to employers. They often decide to pursue employment in evolutionary biology, genetics, medicine, global health or public health.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/undergraduate-minors-and-certificates
LSA 189
sols.advising@asu.edu
480-727-6277

Family Communication Certificate (ASFAMCCERT)
Campus: West

Description:
The certificate program in family communication focuses on issues affecting communication in the family and complements the current

communication program by bringing together an array of courses that have implications for the family unit, such as courses in new media and health. Students are encouraged to also take courses in other disciplines that complement family-related communication courses.

This program is offered by the School of Social and Behavioral Sciences.

Program Requirements:

The certificate in family communication consists of 19 credit hours (a minimum of 12 credit hours must be upper division). Six upper-division credit hours must be completed through courses offered by the School of Social and Behavioral Sciences. Six credit hours may be shared with major requirements. Four courses must be selected from at least two content areas listed. All courses used to satisfy requirements for the certificate must be passed with a "C" or better.

The courses listed are suggested and actual courses should be selected in conjunction with an academic advisor. A one credit hour exit portfolio is required and may be taken after a minimum of 12 hours toward the certificate has been completed.

Required Courses -- 6 credit hours
COM 312: Communication, Conflict, and Negotiation or COM 410: Interpersonal Communication Theory and Research (SB) or COM 417: Communication and Aging (3)
COM 411: Communication in the Family (SB) (3)

Content Area Courses -- 12 credit hours
Content Area course (6)
Upper Division Content Area course (6)

Select four courses from at least two content areas. At least six hours must be upper division. Listed courses are suggestions; courses for the certificate should be selected in conjunction with the certificate advisor.

Social and Cultural Elements of the Family
AFR 370: Family Ethnic and Cultural Diversity (SB & C) (3)
ASB 346: Marriage and Family Diversity (SB & C) (3)
ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
COM 310: Relational Communication (SB) (3)
COM 316: Gender and Communication (SB & C) (3)
COM 410: Interpersonal Communication Theory and Research (SB) (3)
COM 432: Forgiveness and Reconciliation (3)
FAS 301: Introduction to Parenting (3)
FAS 331: Modern Family Relationships (SB) (3)
FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)
FAS 435: Advanced Topics in Modern Family Relationships (L or SB) (3)
PSY 385: Psychology of Gender (SB) (3)
SOC 315: Sociology of Dating, Relationships and Marriage (SB) (3)
SOC 415: The Family (SB) (3)

Health and Family Development
CDE 430: Infant and Toddler Development in the Family (SB) (3)
COM 417: Communication and Aging (3)
CRJ 204: Juvenile Justice (3)
FAS 332: Human Sexuality (SB) (3)
FAS 436: Sexuality in Mid-Life and Beyond (3)
PSY 341: Developmental Psychology (SB) (3)
PSY 443: Abnormal Child Psychology (L or SB) (3)
PSY 444: Adolescent Psychology and Psychopathology (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 312: Adolescence (SB) (3)

Technology, Media and the Family
COM 416: Gender and Race in the Media (3)
COM 424: Television Studies and Criticism (3)
COM 457: New Media (3)
COM 471: Global Media and Cultural Identity (G) (3)
ENG 244: Introduction to Researching Family History (3)
MCO 473: Sex, Love, and Romance in the Mass Media (SB) (3)

Community Application
COM 314: Inner-City Families: The Cycle of Poverty (3)

COM 484: Internship (3)

Family Communication Portfolio -- 1 credit hours
COM 498: Family Communication Portfolio (1)
Notes: The communication portfolio is a synthesis of the student's family communication academic experience. The portfolio itself integrates each student's experience with theory and concepts from coursework. The portfolio may take a variety of forms, to be negotiated by each student and the instructor. This course is to be taken after a minimum of 12 credit hours toward the certificate have been completed.

Listed courses are suggestions; courses for the certificate should be selected in conjunction with the certificate advisor.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in family communication is open to all ASU undergraduate majors. Students wishing to pursue this certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This is a valuable certificate for students planning to enter careers or graduate study in fields like psychology, counseling, family studies, social work, medicine or nursing, law, aging, pastoral care, human services, media or communication technology.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/family-communication-certificate
FAB N100
sbsadvising@asu.edu
602-543-3000

Field Geology Certificate (LAFDGCERT)
Campus: Tempe

Description:
The certificate program in field geology prepares undergraduate students with the core knowledge base and field experience to identify, describe, collect and interpret a variety of types of geological field data.

Program Requirements:
The certificate requires a minimum of 15 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Required Courses -- 9 credit hours
GLG 310: Structural Geology (3)
GLG 452: Field Geology II (L) (3)
GLG 455: Advanced Field Geology (3)

Electives (choose two) -- 6 credit hours
GLG 362: Geomorphology (3)
GLG 420: Volcanology (3)
GLG 424: Petrology (3)
GLG 435: Sedimentology and Stratigraphy (3)
GLG 489: Field Geochemistry (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.
Courses not completed at ASU must be approved for use in this certificate.

Enrollment Requirements:

Additional enrollment requirements include completion of the following courses or their equivalencies with a "C" or better (scale is 4.00 = "A"):

GLG 101 Introduction to Geology I (Physical) and GLG 103 Introduction to Geology I Lab or
SES 121 Earth, Solar System and Universe and SES 123 Earth, Solar System and Universe Lab
AND GLG 321 Mineralogy and GLG 451 Field Geology I.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students who complete this undergraduate certificate possess a strong field-based background, required for many entry-level jobs in resource mining, geotechnical and environmental consulting companies. It also is a strong asset for acceptance into many graduate research programs in the earth sciences.

Career opportunities include:

- geologic materials technician
- geologic sample test technician
- geoscientists
- geotechnician
- mining and geological engineers

Sample career settings include:

- environmental industry
- geotechnical industry
- mining and petroleum industries

Contact Information:

Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu/
ISTB4 795
sese-advising@asu.edu
480-965-5081

Film and Video Studies Certificate (ASVIDCERT)

Campus: West

Description:

In the certificate program in film and video studies, students explore film theory and the practice of the moving image, and they have an opportunity in this interdisciplinary program to develop their interests, skills and understanding of the forms, channels, technologies and histories of the media arts.

Coursework helps students become more astute critics of film and media arts. They learn about the history of film, television and video arts as well as their place in social, cultural and political expression. Students also strengthen their critical thinking skills through an analysis of the ongoing philosophical, aesthetic, political and technological debates about film, media and video.

Program Requirements:

The certificate in film and video studies consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Students choose a focus in either film studies, or media and video studies. The film studies emphasis focuses on the impact of film and video. The media and video studies emphasis is concerned with the rendering of film and video. All courses used to satisfy the requirements for this certificate must be passed with a minimum grade of "C" (2.00) or better.

Core Requirement   -- 3 credit hours
IAP 201: Introduction to Interdisciplinary Arts (HU) (3)

Foundation Requirement -- 3 credit hours
IAP 103: Foundations I: Interdisciplinary Art Practice (3)

Emphasis Tracks
Film Studies Emphasis - students will choose six credit hours from the Applied/Practical course list and three credit hours from the Theoretical, Conceptual and Historical course list.

Media and Video Studies Emphasis - students will choose nine credit hours from the Theoretical, Critical, Performance and/or Production course list.

Film Studies Emphasis: Applied/Practical Courses (choose two courses) -- 6 credit hours
COM 335 / IAP 335: Acting for the Camera (3)
COM 429: Semiotics and Visual Communication (3)
IAP 322: Multitrack Digital Recording (3)
IAP 361: Digital Editing and Media Literacy (CS) (3)
IAP 364: Documentaries (3)
IAP 366: 3D Modeling and Media Literacy (3)
IAP 467: Acoustic Ecology (3)
IAP 474: Art and Film (L or HU) (3)

Film Studies Emphasis: Theoretical, Conceptual and Historical Courses (choose one course) -- 3 credit hours
ENG 365: History of Film (HU) (3)
IAP 364: Documentaries (3)
IAP 465: Media Technologies and the Arts (3)
IAP 473: Aesthetic Research (L or HU) (3)

Media and Video Studies Emphasis: Theoretical, Critical, Performance and/or Production Courses (choose three courses) -- 9 credit hours
COM 335 / IAP 335: Acting for the Camera (3)
COM 429: Semiotics and Visual Communication (3)
ENG 365: History of Film (HU) (3)
IAP 325: Sound Performance: Exploring Alternative Performance Groups (3)
IAP 334: Conceptual Development in the Arts (3)
IAP 361: Digital Editing and Media Literacy (CS) (3)
IAP 364: Documentaries (3)
IAP 366: 3D Modeling and Media Literacy (3)
IAP 465: Media Technologies and the Arts (3)
IAP 467: Acoustic Ecology (3)
IAP 469: Advanced Audio Production (3)
IAP 473: Aesthetic Research (L or HU) (3)
IAP 474: Art and Film (L or HU) (3)
IAP 494: Advanced Video Production (3)

Capstone -- 3 credit hours
IAP 480: Art as Praxis: From Conceptualization to Production (3)
The project should reflect the integration of coursework with creative initiative to generate a product that stands alone as a piece of original work.
*For the Film Studies Emphasis, the project will focus on an intellectual analysis of some dimension of film products, reception, institutions, economics, and so forth.
*For the Media and Video Studies Emphasis, the project may be intellectual or creative (performance or production) in nature. Projects will be examined and evaluated by at least one faculty member involved in the film and video studies certificate.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in film and video studies is open to all ASU undergraduate majors. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate in film and video studies helps students prepare for careers such as editors, art directors, video producers and directors, video and interdisciplinary project directors, and digital media specialists in areas such as video and film production, film studies, media studies or digital design. The valuable skills students gain through the program also prepare them for graduate study.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/film-and-video-studies-certificate
FAB N100
harcsadvising@asu.edu
602-543-3000

Food Industry Management and Marketing Certificate (BAFIMMCERT)

Campus: Polytechnic

Description:
The certificate program in food industry management and marketing allows business and nonbusiness students the opportunity to acquire specialized business skills, providing them with a competitive advantage for employment with firms and agencies that operate within the global food industry.

The certificate program explores the role that consumers' food choices and purchases play in the allocation of resources throughout the food chain, from farm to retail.

Upon completion of the program, students have a deep understanding of the business, economic and market environments of the global food industry, with particular emphasis on food marketing and distribution.

Program Requirements:
The food industry management and marketing certificate requires 15 credit hours and is available to all majors. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.

Required Course -- 3 credit hours
AGB 250: Economics of Resource Allocation: Food and Agriculture or AGB 302: International Management and Agribusiness (G) (3)

Required Marketing Course (choose one) -- 3 credit hours
MKT 300: Marketing and Business Performance (3)
MKT 302: Applied Marketing Management and Leadership (L) (3)
MKT 303: Honors Marketing Theory and Practice (L) (3)
MKT 390: Essentials of Marketing (3)

Electives (choose three) -- 9 credit hours
AGB 100: Introduction to Agribusiness (3)
AGB 370: Food Retailing Strategy Development and Case Competition (3)
AGB 414: Food and Agribusiness Policy Issues (L) (3)
AGB 420: Food Advertising and Promotion (3)
AGB 425: Food Supply Networks (3)
AGB 435: Commodity Futures and Options Markets (3)
AGB 445: Food Retailing (3)
AGB 452: Global Food and Agricultural Trade (3)
AGB 456: Food Product Innovation and Development (3)
AGB 481: Strategic Pricing in Food Markets (3)
AGB 494: NAMA Marketing Plan (3)
BUS 424: Sales and Negotiations (3)
BUS 434: Business Risk Management (3)
TGM 460: Global Risk Assessment and Management (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.
The program is offered at ASU's Polytechnic campus, but students may choose to take the entire certificate in iCourse format.

Enrollment Requirements:
Students majoring in food industry management are not eligible to pursue this certificate.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance their career options with an undergraduate certificate. The certificate in food industry management and marketing helps students develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete this undergraduate certificate often decide to pursue employment in management, marketing, and sales. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of
Morrison School of Agribusiness
https://wpcarey.asu.edu/undergraduate-degrees/programs
SANTN 230F
wpcarey.morrison@asu.edu
480-727-1586

Gender, Women and Sexuality Studies Certificate (ASWSTCERT)
Campus: West

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Description:
The certificate program in gender, women and sexuality studies examines the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas.

The program combines interdisciplinary topics and methods to critically analyze, unpack and address how relations of gender are embedded in and connected to social, political and cultural transformations. The intellectual core draws from theories, methods and teachings in women and gender studies while engaging complementary fields of social justice, cultural studies, sexuality studies, queer studies, literature, history, sociology, psychology, oral history, ethnicity, race and indigenous studies, and transnational studies.

Program Requirements:
The certificate in women and gender studies consists of 18 credit hours. A minimum of 12 credit hours must be upper division. Six upper-division credit hours must be taken through courses offered by the School of Humanities, Arts and Cultural Studies. Courses should be chosen in consultation with an academic advisor prior to enrollment. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)
WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Electives -- 12 credit hours
Courses used for Core Requirements cannot also be used to satisfy the Elective Requirements.
ENG 220 / WST 220: Gender, Media and Culture (HU & C) (3)
ENG 443 / WST 415: Gender, Culture and Literacy (3)
ENG 454 / WST 454: Gender and Literature (L or HU) (3)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)
WST 333: Critical Perspectives on Sexuality (SB & C) (3)
WST 341: Latin American Women Writers (HU & G) (3)
WST 370: Chronicling Women's Lives (HU & C) (3)
WST 376: Feminist Theory (H & C) (3)
WST 380: Race, Gender, and Class (SB & C) (3)
WST 390 / REL 390: Women, Gender and Religion (HU & G) (3)
WST 428: Gender, Madness and Justice (SB) (3)

WST 430: Gender on the Borderlands (SB & G) (3)
WST 433 / ETH 433: Race and Sexualities in Social Justice Movements (3)
WST 444: Gender, Health, and Bodies (SB) (3)
WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)
WST 457: Women, Cultures, and Societies (SB & G) (3)
WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)
WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This program prepares students for graduate study or a variety of fields including business, health care, criminal justice, social services, education, public relations, nonprofits, community development, public policy and government. Possible careers include community health workers, secondary school teachers, human resource managers, probation officers, social and community service managers, writers or academia.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/women-and-gender-studies-certificate
FAB N100
harcsadvising@asu.edu
602-543-3000

Gender, Women and Sexuality Studies Certificate (LAWSTCERT)

Campus: Tempe

This program's name has changed effective Fall 2022. The previous name was Women and Gender Studies.

Description:
The gender, women and sexuality studies certificate program provides students with an intensive, liberal arts approach to relevant contemporary topics such as gender inequality and feminism and how these interact with sexuality, race and religion in society today.

Because students have the opportunity to explore issues from multiple disciplines, the certificate is an interdisciplinary alternative to a minor. The program enables students to write well, think critically and analyze problems effectively.

Program Requirements:
The women and gender studies certificate requires a minimum of 18 credit hours, of which at least 12 must be completed at the upper-division level. Each course must be completed with a a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours
WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Elective Core Course -- 3 credit hours
WST 377: History of American Feminist Thought (H & C) or WST 378: Global Feminist Theory (L & G) (3)

Electives -- 12 credit hours
 WST Elective (3)
 WST Upper Division Elective (9)

WST 100 and WST 300 cannot be used to fulfill the elective requirement.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

  •Analyze the ways in which gender intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.
  •Demonstrate an understanding of key concepts, critical debates and interdisciplinary approaches and methodologies that have shaped the field of women and gender studies.

Career Opportunities:

Graduates who have combined the certificate in gender, women and sexuality studies with their major program of study may increase their marketability to employers.

Graduates often decide to pursue employment in law, education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Geographic Information Science Certificate (LAGISCERT)

Campus: Tempe, Online

Description:

The geographic information science undergraduate certificate program pairs the practical skill of geographic information science with the conceptual knowledge of geographical problem-solving and of spatial thinking.

Program Requirements:

The certificate requires 20 credit hours with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 20 credit hours must be upper division.

Geographic Information Science Core -- 11 credit hours
GIS 205: Geographic Information Science I (CS) (3)
GIS 211: Geographic Information Science II (CS) (4)
GIS 311: Geographic Information Science III (CS) (4)

Upper Division GIS Electives -- 6 credit hours
 GIS Upper Division Elective (6)

Upper Division Related Coursework -- 3 credit hours
 GCU OR   GIS OR   GPH OR   PUP OR   CEE OR   CSE OR   EEE OR   EGR OR   FSE OR   IEE Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

ASU degree-seeking students
The BS in geographic information science is incompatible with this certificate program.

Nondegree-seeking students

This certificate is available through the Pathways for the Future program: https://pff.asu.edu/ (https://pff.asu.edu/). Applicants without a bachelor's degree are eligible to apply for, and receive, this certificate through the Pathways for the Futures program. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/geographic-information-science-undergraduate-certificate/)

Career Opportunities:
Geographic information science is one of the fastest growing segments of the economy, and employment possibilities can be found across the private sector as well as in many government agencies at the local, state and national levels.

Students who paired this geographic information science certificate with their degree program have added to their knowledge and abilities the highly desirable skills in:

- analysis
- computer programming
- problem-solving
- statistics

Application of these skills can be used in many fields; among them:

- health care
- nonprofit
- real estate
- retail
- utilities

Contact Information:
Liberal Arts and Sciences, The College of
School of Geographical Sciences and Urban Planning
https://sgsup.asu.edu/degree-programs/undergraduate-minors-and-certificates/geographic-information-science
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Global Management Certificate (TBTGMCERT)

Campus: Downtown Phoenix, West

Description:
Research from McKinsey and Company, a highly respected consulting firm, indicates that in the near future, almost 40% of the growth globally will result from just 400 cities in emerging markets around the world. This undergraduate certificate program in global management provides broad-based training in global business and global studies that helps prepare students for a global management career. It offers unique courses that integrate an in-depth understanding of the political, economic and cultural aspects of doing business in specific regions with tools to assess business trends in specific countries.

Thunderbird School of Global Management has produced unique leaders for more than 70 years. Home to the BGM and BS in international trade, the school's innovative and practical curriculum complements a strong core of global business management skills, international political economy and cross-cultural training, with a transdisciplinary approach. The alumni network has over 45,000 graduates across 170 chapters around the globe.

Program Requirements:
The global management certificate requires 18 credit hours as outlined below, with a minimum of 12 upper-division credits. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.

Required Course -- 3 credit hours
TGM 101: Principles of Global Management (G) (3)
It is recommended that students take TGM 101 prior to or concurrently with other TGM courses.

Electives -- 15 credit hours
TGM 204: Principles of Marketing for Global Organizations (3)

TGM 300: Principles of Finance for Global Organizations (3)
TGM 310: Supply Chain Operations for Global Organizations (3)
TGM 312: Big Data in the Global Economy (3)
TGM 353: Regional Management Environment (G) (3)
TGM 468: States and Markets in a Global Economy (SB & G) (3)
TGM 478: Cross-Cultural Communication and Negotiation (3)
TGM 487: Global Entrepreneurship (3)
TGM 489: Multinational Organizational Leadership (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.
Study abroad or international experience is encouraged but not required. Consider ASU Global Education Office (https://goglobal.asu.edu/) opportunities.

Enrollment Requirements:
Incompatible Majors: BGM in global management; BS in international trade.

No more than six credit hours may be shared between certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in global management with their major program of study may become more marketable to employers. They often decide to pursue employment in corporations, governments or nonprofits in positions such as business analyst, global entrepreneur, or marketing manager.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu
FAB N290
ugadvising@thunderbird.asu.edu
602-543-0029

Globalization and Culture Certificate (LAGLCCERT)
Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:
The globalization and culture certificate program offers students the opportunity to increase their understanding of the cultural dimensions of globalization, in the context of economic, political and social changes in the world today.

The program provides an interdisciplinary approach to understanding the phenomenon of globalization, including the historical, political, cultural and social forces that shape contemporary globalized society. This certificate program draws on courses from several colleges and academic units and emphasizes studies related to the history and culture of globalization, conflict and contact between regions of the world, and questions related to language and identity.

Program Requirements:

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates who have combined the certificate in globalization and culture with their major program of study may be more marketable to employers. They often decide to pursue employment in education, political analysis, the military, tourism and hospitality or marketing.

Contact Information:

Liberal Arts and Sciences, The College of

School of International Letters and Cultures

https://silc.asu.edu/degree/certificate/certificate-globalization--culture

DH 131

silcadvising@asu.edu

480-965-6281

Hazardous Materials and Waste Management Certificate (TSETMCERT)

Campus: Polytechnic

Description:

The certificate program in hazardous materials and waste management is designed to provide current and prospective employees of industry and government with a comprehensive and practical curriculum of study in hazardous materials management. The certificate program features instruction by faculty, attorneys and professionals who work in the specific area in which they teach.

Students enrolled in this certificate program are offered several industry-required courses by the Environmental and Resources Management professional development program targeted to environmental professionals who engage in management and transportation of hazardous materials and waste: the OSHA-mandated 40 hour Hazardous Waste Operations and Emergency Response course; the 16 hour Initial Hazardous Materials Transportation Certification course; and the corresponding eight-hour refresher courses. To support their professional development, these training courses are provided for certificate students at less than 15% of the actual cost.

Program Requirements:

The certificate in hazardous materials and waste management requires 18 credit hours. Students must complete six selected courses (four required and two electives) and earn a grade of "C" (2.00 on a scale of 4.00) or higher to receive the certificate.

Core Courses -- 12 credit hours

ERM 203: Environmental Regulations (3)

ERM 401: Hazardous Waste Management (3)

ERM 406: Environmental Chemistry (3)

ERM 407: Occupational Hygiene (3)

Elective Courses -- 6 credit hours

 ERM 402 (https://webapp4.asu.edu/catalog/courselist?s=ERM&l=300-399&t=2227&hon=F" > ERM 3** Elective or   ERM 4** Elective (ERM 432 recommended) (6)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in hazardous materials and waste management is available to all ASU students in good standing, except those pursuing any program in environmental and resource management.

To add the certificate in hazardous materials and waste management, a student must hold, at minimum, junior status and have a minimum cumulative GPA of 2.00.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/TSETMCERT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/TSETMCERT/Gedt.pdf).

Career Opportunities:

Graduates with the skills gained in this certificate program are in high demand and can find work in industry, governmental management and

regulatory agencies or in policy-making organizations.

Graduates are firmly grounded in the scientific, technical, and legal problems facing hazardous waste managers in today's business climate. They are prepared to be waste, health and safety professionals in industrial settings such as manufacturing, mining, oil and gas or environmental engineering consulting firms. They also assure compliance with OSHA and EPA requirements in manufacturing operations, water and wastewater treatment facilities, or local governments. On the regulatory side, graduates work for agencies such as the U.S. Environmental Protection Agency or state and county departments of environmental quality.

Contact Information:
Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
https://poly.engineering.asu.edu/erm/
WANER 230
polyadvising@asu.edu
480-727-1874

Health Care Policy and Delivery Certificate (NHHCPDCERT)

Campus: Downtown Phoenix

Description:
The certificate program in health care policy and delivery provides students an overview of principles related to health systems, management and program oversight in health care settings.

The curriculum focuses on the business of medicine, administration, leadership and policy. Students have the option of selecting an internship course to enhance their application of core concepts.

Those who complete the program and earn the certificate have broadened and expanded their competitiveness for employment and postgraduate degree programs.

Program Requirements:
The certificate requires a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.
In order to enroll in HCD 402 and complete the certificate, students must first complete either ECN 211, ECN 212 or HCD 201.

Required Courses -- 15 credit hours
HCD 302: Health Care Management (3)
HCD 330: Health Care Systems in the U.S. (3)
HCD 332: Population Health Policy and Legislation (3)
HCD 402: Health Economics (3)
HCD 403: Process Engineering (3)

Elective -- 3 credit hours
HCD 404: Advanced Concepts in the Science of Health Care Delivery (3)
HCD 484: Internship (3)
MED 450: Leadership and Professionalism (3)
PAF 311: Leadership and Change (SB) (3)
PAF 460: Public Service Ethics (3)
PBH 422: Health Disparities and Access to Health (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Incompatible Majors: BS in science of health care delivery; BS in health sciences

Students must have a minimum GPA of 2.00 in order to add the certificate, and students must earn a minimum grade of "C" in all courses for the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates who combined the certificate in health care policy and delivery with their major program of study may be more marketable to employers. The certificate broadens understanding of the business side of U.S. health care systems for those intending to be health educators or medical practitioners in private practice.

Entry-level positions in the field include program or clinical administration, advocacy or quality improvement.

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-care-policy-and-delivery
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Education Specialist Certificate (NHHEDSCERT)

Campus: Downtown Phoenix

Description:

Students in the health education specialist certificate program gain foundational knowledge in public health education and health promotion and in competencies needed by certified health education specialists. This qualifies graduates to sit for the Certified Health Education Specialist exam offered by the National Commission for Health Education Credentialing.

The CHES® is a valuable and desirable credential in the health field. Health professionals with a range of specializations, from nutrition to kinesiology, have found the CHES® to be a complement to their knowledge because it emphasizes effective methods for educating individuals and communities on improving health behaviors and outcomes.

More information about the CHES® is available on the NCHEC website: https://www.nchec.org/profession (https://www.nchec.org/profession).

Program Requirements:

The certificate requires a total of 25 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.
In order to receive the certificate, students must complete their bachelor's degree at ASU along with all certificate requirements.

Required Courses -- 25 credit hours
CHS 340: Health Theory (3)
HEP 102: Foundations of Health Education and Health Promotion (3)
HEP 241: Health Education Methods for Injury Prevention and Preparedness (3)
HEP 251: Preventing HIV and Substance Abuse (3)
HEP 361: Social Media and Marketing for Health (3)
HEP 452: Health Advocacy in Health Education (3)
HEP 454: Health Promotion Program Planning and Implementation (L) (3)
HEP 466: Health Promotion Program Management and Administration (3)
HEP 490: CHES Exam Preparation (1)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Employment of health educators is expected to grow much faster than the average for all professions, with the U.S. Department of Labor predicting a 17% increase in the field from 2020 to 2030. Certified health education specialists often pursue careers in wellness and health promotion in such environments as:

- colleges and universities
- community health agencies
- hospitals and clinical settings
- insurance companies
- private health care organizations
- schools
- state and county health departments
- voluntary health organizations
- wellness centers
- worksite wellness and health promotion

Earning the CHES® demonstrates competence and provides professionals a competitive edge in employment. ASU health education specialist certificate holders have a 100% pass rate on the CHES® exam, compared with a national average of 70%.

Master certified health education specialists are eligible to become certified diabetes educators with proper diabetes self-management practice hours.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-education-specialist
HLTHN 401AA
chs@asu.edu
602-496-3300

Health and Wellness Coach Certificate (NHHWCCERT)

Campus: Downtown Phoenix, West

Description:
The health and wellness coach certificate brings together coursework from the disciplines of exercise and wellness, nutrition, behavioral health and coaching psychology to give students a strong background, perspective and practical experience in the techniques and methods used to decrease and prevent chronic disease risks.

Students learn evidence-based behavior change methodologies and practice coaching communication skills and strategies to influence sustainable healthy lifestyles. They learn to guide people through meaningful lifestyle changes by using concepts that emphasize evidence-based coaching and behavioral practices as well as motivational interviewing techniques.

Students work with clients using learned health coaching techniques, and they develop the knowledge and skills to work with people who require lifestyle management strategies to improve their well-being. Faculty monitor coaching sessions to provide feedback on how students may improve their coaching skills, and a final practical skills evaluation is completed to assess a student's health and wellness coaching ability.

Program Requirements:
The certificate requires a total of 24 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course..

Required Courses -- 21 credit hours
CHS 340: Health Theory or NTR 350: Nutrition Counseling (3)
EXW 325: Fitness for Life or EXW 335: Physical Activity and Physiological Concepts (3)
EXW 344: Impact of Physical Activity on Health and Disease (L) (3)
HSC 355: Eating for Lifelong Health (SB) (3)
HSC 440: Health Coaching Concepts and Skills (3)
HSC 441: Applied Health Coaching Techniques (3)
NTR 241: Human Nutrition (3)

Elective Course -- 3 credit hours
EXW 400: Stress Management for Wellness (3)

HCR 303: Assessing Needs, Assets and Capacity for Health Education (3)
HCR 342: Mind-Body and Energy Therapies and Modalities (3)
HEP 241: Health Education Methods for Injury Prevention and Preparedness (3)
HEP 251: Preventing HIV and Substance Abuse (3)
HEP 303: Human Sexuality for Health Education (3)
HEP 350: Substance Abuse and Addictive Behavior (3)
HEP 361: Social Media and Marketing for Health (3)
HEP 371: Conflict Management and Mediation and Violence Prevention (3)
HEP 380: Body Image and Wellness (3)
HEP 443: Emotional Health and Interpersonal Relationships (3)
HSC 300: Complementary Health Care (3)
NTR 345: Development of Healthy Cuisines (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 360: Nutrition Entrepreneurship (3)
PSY 304: Effective Thinking (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can become more marketable and advance their career options with this undergraduate certificate in health and wellness coaching that complements their major program of study. It also provides them an opportunity to seek a national certification path.

Career options include:

- coaches and scouts
- community health workers
- fitness and wellness coordinators
- health care support workers

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/health-and-wellness-coach
HLTHN 401AA
chs@asu.edu
602-496-3300

History and Philosophy of Science Certificate (LAHPSCERT)
Campus: Tempe

Description:
The undergraduate certificate program in the history and philosophy of science is designed to give students an understanding of the traditional philosophical issues surrounding science and the historical development of concrete scientific theories and ideas.

Philosophical questions about how nature is understood through science and how scientific claims gain authority are enriched when they are considered in a historical context. Such philosophical and historical study also often includes the examination of contemporary sciences and their

place within the larger society, including the study of bioethics, policy and law.

This certificate is a valuable addition for students in the sciences or humanities. It crosses disciplines to help students engage in unfamiliar and familiar paths of inquiry in new and interesting ways.

The program is offered by the School of Life Sciences.

Program Requirements:
The certificate requires 18 credit hours from the HPS and PHI subjects. At least 12 credit hours must be completed at the upper-division level and all courses counting toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours
PHI 314 / HPS 314: Philosophy of Science (HU) (3)

Electives (choose five) -- 15 credit hours
At least nine credit hours must be taken in upper-division HPS courses. Any upper-division HPS course may be used toward the certificate.
PHI 103: Principles of Sound Reasoning (L or HU) (https://webapp4.asu.edu/catalog/courselist?s=HPS&l=upperdivision&t=2227&hon=F" > HPS Upper Division Elective (9)
(3)
PHI 310: Environmental Ethics (HU) (3)
PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)
PHI 320: Bioethics (HU) (3)
PHI 325: Philosophy of Social Science (HU or SB) (3)
PHI 328: History of Ancient Philosophy (HU & H) (3)
PHI 329: History of Modern Philosophy (HU & H) (3)
PHI 330: Theory of Knowledge (HU) (3)
PHI 331: Philosophy of Language (HU) (3)
PHI 332: Metaphysics (HU) (3)
PHI 333: Symbolic Logic (3)
PHI 334: Philosophy of Mind (HU) (3)
PHI 401: Rationalism (3)
PHI 402: Empiricism (HU) (3)
PHI 403: Contemporary Analytic Philosophy (HU) (3)
PHI 413: Advanced Symbolic Logic (3)
PHI 420: Topics in Philosophy (3)

Other elective options may be applied with the approval of an academic advisor in the School of Life Sciences.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in evolutionary medicine with their major program of study may become more marketable to employers. They often decide to pursue employment in biology, medicine, law or ethics.

Advanced degrees or certifications may be required for academic, governmental or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Life Sciences
https://sols.asu.edu/degree-programs/undergraduate-minors-and-certificates
LSA 189
sols.advising@asu.edu

480-727-6277

Homeland Security Certificate (PPHSLCERT)

Campus: Downtown Phoenix, Online

Description:

The 21 credit hour homeland security certificate program provides students with the skills and credentials they need in order to enter fields specializing in homeland security.

Students receive extended education in topics such as domestic and international terrorism, cyber-terrorism and advanced crime.

Program Requirements:

Required Courses -- 15 credit hours
CRJ 100: Introduction to Criminal Justice (SB) (3)
CRJ 201: Criminal Justice Crime Control Policies and Practices (3)
CRJ 412: International Terrorism (3)
CRJ 417: Cyber Terrorism (3)
CRJ 419: Domestic Terrorism (3)

Elective Courses (choose two) -- 6 credit hours
CRJ 422: Violence in America (3)
CRJ 455: Police and International Terrorism (3)
CRJ 456: Etiology of Martyrdom (3)
CRJ 462: Gangs (3)
CRJ 463: White Collar Crime (3)
CRJ 464: Organized Crime (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for all coursework.
Bachelor of Science in criminology and criminal justice majors who are also pursuing the Homeland Security certificate may not use CRJ 412: International Terrorism, CRJ 417: Cyber Terrorism, CRJ 419: Domestic Terrorism, CRJ 422: Violence in America, CRJ 455: Police and International Terrorism, CRJ 456: Etiology of Martyrdom, CRJ 462: Gangs, CRJ 463: White Collar Crime, and CRJ 464: Organized Crime toward both their major and the certificate. These courses will only be used toward the certificate requirements.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

There are no additional admission requirements other than those required for admission to ASU.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-homeland-security/)

Career Opportunities:

Graduates of the homeland security certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies (federal, state and local) including Department of Homeland Security, U.S. Customs and Border Protection, and local and state-level law enforcement departments. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu/
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Hospice and Palliative Care Certificate (NHHAPCCERT)

Campus: Downtown Phoenix

Description:

The certificate program in hospice and palliative care provides future health and health care workers with the skills they need to lead and manage chronic and end-of-life care through a variety of settings, including home health care.

Students learn from interprofessional instructors who are involved in hospice and palliative care as physicians, social workers, nurses and bereavement counselors and who work with children and adults as well as meet with palliative care and hospice patients. Students receive specialized instruction on dementia and Alzheimer's disease and learn about how these contemporary issues are burdening our health care system under its current structure.

In addition, students have the opportunity to shadow health professionals and learn about their roles through field experience. Students finish their program of study by completing an internship at Hospice of the Valley, affording them the opportunity to help provide nonclinical care needs to patients and their families.

Program Requirements:

The certificate requires a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course, with the exception of the MED 484 internship which is pass/fail.

Required Courses -- 12 credit hours
MED 325: Elements of Hospice and Palliative Care (3)
MED 375: Alzheimer's and Other Dementias (SB) (3)
MED 475: Palliative Care: Managing Complex Serious Illness (3)
MED 484: Internship (3)
Notes: Directed by Dr. Gillian Hamilton at Hospice of the Valley. A minimum ASU cumulative GPA of 3.00 is required to enroll.

Elective Courses -- 6 credit hours
HSC 410: Supporting the Health of Older Adults (3)
HSC 412: Health Issues in Later Life (3)
MED 445: Prevention and Management of Chronic Disease (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 418: Aging and the Life Course (SB & H) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

This undergraduate certificate provides students with an in-depth experience in health care settings and specialized training in hospice and palliative care. Students who wish to continue on to medical school and professional school, including dental school, pharmacy school and optometry school, can use this certificate as an additional credential with their degree in the application process.

Contact Information:

Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/hospice-and-palliative-care-certificate
HLTHN 4th floor
chs@asu.edu
602-496-3300

Human Rights Certificate (LAHRTSCERT)

Campus: Tempe

Description:
The certificate program in human rights provides students with historical, legal and philosophical perspectives from which to think broadly and critically about human rights issues. Coursework prepares students to design solutions to dilemmas in areas such as:

- child welfare
- economic development
- education
- environment
- health
- indigenous rights
- labor rights
- violence against women
- water and energy resources

Program Requirements:
Students must complete 18 credit hours of qualifying coursework, of which at least 12 credit hours must be upper division. At least 12 credit hours must be completed at ASU. Each course must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or better.

Global Politics of Human Rights (select one) -- 3 credit hours
JUS 352: The Global Politics of Human Rights (SB & G) (3)
POS 368: Ethics and Human Rights (3)
POS 480: Global Justice (G) (3)

Human Rights Institutions and Organizations (select one) -- 3 credit hours
JUS 355: Human Rights Organizations and Institutions (G) (3)
POS 465: International Organization and Law (SB & G) (3)
SGS 321: International Institutions and Global Governance (3)

Interdisciplinary Component -- 9 credit hours
Upper Division Human Rights Electives (9)
Students select three electives on current issues in human rights. Courses must be taken from at least two of the substantive areas listed below and from two or more subjects. Other course options may be approved by an academic advisor in the School of Social Transformation.

Marginalization and Human Rights
AFR 301 / JUS 300: Race and Racism in Africa/African Diaspora (SB & G) (3)
AFR 420 / JUS 421: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)
AIS 455: Human Rights and Cultural Resource Laws (3)
APA 330 / WST 331: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)
HST 369 / JST 369: History and Memory of the Holocaust (3)
JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)
JUS 435: Cinema and Justice (3)
JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)
JUS 456: Human Rights and Sustainability ((L or SB) & G) (3)
JUS 468: Protest, Justice, Law and the Media (SB) (3)
POS 472: Constitutional Law II (SB) (3)
SGS 343 / REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
SPA 494 / SLC 494: Latin American Photography and Human Rights (3)
WST 313: Women and Sexuality (SB & C) (3)
WST 345: Gender, Religion, and Global Violence (SB & G) (3)
WST 378: Global Feminist Theory (L & G) (3)
WST 477: Gender and Violence (SB & C) (3)

Social Stratification and Human Rights
AFR 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H) (3)
AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) (3)
AFR 470: Women's International Human Rights (3)
APA 350 / JUS 365: Inequality and Diversity in Education (L & C) (3)
JUS 321: Wealth Distribution and Poverty (SB & C) (3)
JUS 325: Globalization and Socio-Economic Justice (SB & G) (3)
JUS 405: Inequality, Economy and Justice ((L or SB) & G) (3)
JUS 477: Youth and Justice (L or SB) (3)
POS 471: Constitutional Law I (SB) (3)

WST 365: Women and International Health (G) (3)

States and Conflict
AIS 494: American Indian Rights (3)
HST 370: Eastern Europe in Transition (SB & G & H) (3)
HST 436: Rise & Fall of Soviet Communism (SB & G & H) (3)
JUS 374: The Holocaust, Genocide, and Human Rights (3)
JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)
JUS 467: Terrorism, War, and Justice (SB) (3)
JUS 469: Political Deviance and the Law ((L or SB) & C) (3)
JUS 494: Torture, War and Human Rights (3)
LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)
PHI 448: Justice and Reparations (3)
POS 305: Politics and Film (SB) (3)
POS 394: The Future of War (3)
REL 388: Religion, Ethics, and International Politics (3)
SGS 340: Violence, Conflict and Human Rights (3)
SGS 341: Humanitarian Crisis and International Intervention (3)
SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

Experiential Learning Component -- 3 credit hours
To better connect classroom learning with practical experience, students will be required to participate in either a for-credit internship with a human rights organization in the U.S. or abroad, or a Research Experience for Undergraduates (REU) under faculty supervision (honors thesis may substitute). A written component to the internship or REU is required.
JUS 484: Internship or JUS 498: Research Apprenticeship (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
In order to declare a certificate in human rights, students must first have a minimum of 30 earned credit hours.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Employ the core concepts and methods used in studying human rights in their written work.
  •Apply fundamental principles of human rights to research or community engagement.

Career Opportunities:
Graduates who have combined the certificate in human rights with their major program of study may be more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Indoor Farming Certificate (LSIFRMCERT)
Campus: Polytechnic

Description:

The future of farming may be vertical and urban. That future is now, and the novel indoor farming certificate program trains students and working professionals who have interests in cultivating crops indoors using technology enhancements including precise environmental control of temperature and lighting, sustainable energy management, and optimal nutrient amendment to achieve significant improvements in crop productivity, resource consumption and environmental impact.

This certificate program provides specific training in indoor crop production and management, including production of clean fruits, vegetables and ornamental plants. Through classroom instruction and hands-on laboratories, students gain knowledge and skills related to plant physiology, indoor crop production systems and facility management, which are necessary for the emerging indoor farming industry.

Program Requirements:
This certificate requires a minimum of 15 credit hours, including at least nine upper-division credit hours. Six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 6 credit hours
ABS 365: Future of Agriculture: Vertical Farming (3)
ABS 369: Hydroponic Food Crop Production (3)

Elective Courses -- 9 credit hours
At least three credit hours of certificate electives must be from upper-division courses.
ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)
ABS 314: Applied Plant Physiology (3)
ABS 368: Plant Propagation (3)
ABS 394: Food and Human Health (3)
ABS 414: Plant Pathology (L) (3)
ABS 462: Greenhouse/Nursery Management (4)
ABS 464: Desert Horticulture (3)
AGB 100: Introduction to Agribusiness (3)
AGB 250: Economics of Resource Allocation: Food and Agriculture (3)
AGB 333: Agribusiness Finance (3)
AGB 425: Food Supply Networks (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Current ASU students are required to complete BIO 100 The Living World or BIO 181 General Biology I or BIO 182 General Biology II.

Nondegree-seeking students are required to have a BS degree.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance their career options with an undergraduate certificate. The certificate in indoor farming helps students become more marketable to employers when they have complemented their major program of study with this specialization.

Students who complete this undergraduate certificate along with their major often decide to pursue employment in nursery and greenhouse management, plant science, or farm and ranch management. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
SANCA 233
 CISA@asu.edu
480-727-1526

Informatics Certificate (ESCPICERT)
Campus: Tempe

Description:

The certificate program in informatics teaches students to use computer technology to gather, synthesize, store, visualize and interpret information. These skills are critical to a broad range of disciplines.

This program provides students with an understanding of the capabilities and technologies of informatics as it applies to domain-specific problems in their field of study. Graduates are able to understand and use methods for the basic computational principles behind the operation of communication, networking and interaction; decision-making and problem-solving; modeling, inference and visualization; representing, creating and running routine activities; and storing, indexing and retrieving information.

Program Requirements:

This certificate requires 21 credit hours of coursework, of which at least 12 must be upper division. Students complete 15 credit hours of required courses and select six credit hours of elective coursework. All courses must be passed with a "C" or better. At least 12 credit hours must be completed in residency at ASU.

Required Courses -- 15 credit hours
CPI 101: Introduction to Informatics (CS) (3)
CPI 200: Mathematical Foundations of Informatics (MA) (3)
CPI 220: Applied Data Structures and Algorithms or CSE 310: Data Structures and Algorithms (3)
Notes: CPI 220 is only offered in Fall semesters
CPI 350: Evaluation of Informatics Systems (3)
IEE 380: Probability and Statistics for Engineering Problem Solving (CS) or STP 420: Introductory Applied Statistics (CS) (3)

Elective Courses -- 6 credit hours
AME 394: Philosophies of Technology (3)
ART 345: Visualization and Prototyping (3)
ART 346: 3-D Computer Imaging and Animation (CS) (3)
ART 435: Foundry Research Methods (3)
BIO 355: Introduction to Computational Molecular Biology (CS) (3)
BIO 411: Quantitative Methods in Conservation and Ecology (4)
BMI 102: Introduction to Population Health Informatics (3)
BMI 201: Introduction to Clinical Informatics (3)
CIS 300: Web Design and Development (3)
CIS 308: Advanced Excel in Business (3)
CIS 310: Business Data Visualization (3)
CIS 365: Business Database Systems Development (3)
CIS 405: Business Intelligence (3)
CPI 310: Web-Based Information Management Systems (3)
CPI 360: Decision Making and Problem Solving (3)
CPI 394: Game Design Fundamentals (3)
CPI 394: Special Topics (3)
CPI 441: Gaming Capstone (3)
CPI 460: Intelligent Interactive Instructional Systems (3)
CPI 484: Internship (3)
Notes: with advisor approval
CPI 494: Special Topics (3)
Notes: with advisor approval
CSE 220: Programming for Computer Engineering (3)
CSE 240: Introduction to Programming Languages (3)
CSE 259: Logic in Computer Science (3)
CSE 294: Algorithmic Problem Solving (3)
CSE 310: Data Structures and Algorithms (3)
CSE 335: Principles of Mobile Application Development (3)
CSE 340: Principles of Programming Languages (3)
CSE 355: Introduction to Theoretical Computer Science (3)
CSE 360: Introduction to Software Engineering (3)
CSE 365: Information Assurance (3)
CSE 394: Special Topics (3)
Notes: with advisor approval
CSE 408: Multimedia Information Systems (3)
CSE 412: Database Management (3)
CSE 445: Distributed Software Development (3)
CSE 446: Software Integration and Engineering (3)

CSE 450: Design and Analysis of Algorithms (3)

CSE 460: Software Analysis and Design (3)

CSE 464: Software Quality Assurance and Testing (3)

CSE 467: Data and Information Security (3)

CSE 470: Computer Graphics (3)

CSE 471: Introduction to Artificial Intelligence (3)

CSE 475: Foundations of Machine Learning (3)

CSE 476: Introduction to Natural Language Processing (3)

CSE 477: Introduction to Computer-Aided Geometric Design (3)

DAT 250: Data Science and Society (3)

DAT 300: Mathematical Tools for Data Science (3)

DAT 301: Exploring Data in R and Python (4)

DAT 401: Statistical Modeling and Inference for Data Science (3)

DAT 402: Machine Learning for Data Science (3)

EDT 440: Creating and Marketing Mobile Apps (3)

ENG 374: Technical Editing (3)

FMS 394: Video Games and Narrative (3)

FSE 301: Entrepreneurship and Value Creation (3)

FSE 404: EPICS Gold: EPICS in Action (3)

GIT 135: Graphic Communications (3)

GIT 215: Introduction to Web Authoring (3)

GIT 230: Digital Illustration in Publishing (3)

GIT 335: Computer Systems Technology (3)

GIT 340: Information Design and Usability (3)

GRA 294: InDesign (3)

GRA 294: Photoshop (3)

HSE 101: Introduction to Human Systems Engineering (SB) (3)

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) (3)

MAT 267: Calculus for Engineers III (MA) (3)

MAT 275: Modern Differential Equations (MA) (3)

MAT 300: Mathematical Structures (L) (3)

MAT 421: Applied Computational Methods (CS) (3)

SER 216: Software Enterprise: Personal Process and Quality (3)

SER 334: Operating Systems and System Programming (3)

SOC 334: Technology and Society (L or SB) (3)

SOS 424: Dynamic Modeling in Social and Ecological Systems (4)

STS 304: Science, Technology and Society (SB) (3)

STS 306: Social Effects of Science and Technology (SB) (3)

TEL 313: Technology in an Educational Setting (3)

TWC 414: Visualizing Data and Information (3)

TWC 444: User Experience (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

ASU degree-seeking students

The undergraduate certificate in informatics is available to all students who are in good standing at ASU who have completed CSE 205, MAT 242 and MAT 243 with a "C" grade or better. This certificate also may be used by interdisciplinary studies BA students as part of their degree program.

Nondegree-seeking students

This certificate is also available through the Pathways for the Future program: https://pff.asu.edu/ (https://pff.asu.edu/). Applicants with or without a bachelor's degree are eligible to apply for, and receive, this certificate, through the Pathways for the Futures program. Applicants must have completed CSE 205, MAT 242 and MAT 243, or the equivalents, with a "C" grade or higher (scale is 4.00 = "A"). Applicants who have taken these courses at another institution should use the Transfer Guide course search (https://webapp4.asu.edu/transfercreditguide/app/home (https://webapp4.asu.edu/transfercreditguide/app/home)) to determine if a transfer course can fulfill the prerequisite course requirements. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Career Opportunities:

Students computing this certificate should be in high demand within the software industry and in government, education, science, medicine and other fields that make use of computer technology. Those with the applied and user-oriented focus of the certificate are attractive to such employers.

Innovation for Impact Certificate (FIIFICERT)

Campus: Tempe

Description:

The innovation for impact certificate program enables students to cultivate the knowledge, skills and critical dispositions necessary to leverage the power of innovation and achieve personally meaningful and socially significant impact. The program is grounded in the belief that each person can do great things.

Students learn tools and concepts for synthesizing research from courses across disciplines in social sciences, humanities, natural sciences and engineering. They identify a problematic condition or aspirational future and work with peers, mentors and the community to produce innovations that cultivate a better future for society.

Program Requirements:
Required Courses -- 15 credit hours
FIS 201: Innovation in Society (H) (3)
FIS 305: Ways of Knowing (L) (3)
FIS 307: Navigating Futures (SB) (3)
FIS 371: Innovation for Impact: Impact Journey (1)
FIS 372: Innovation for Impact: Inquiry Journey (1)
FIS 373: Innovation for Impact: Innovation Journey (1)
FIS 481: Innovation for Impact: Application Journey (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Advising is not required, but students who wish to speak with an advisor can make an appointment through the College of Global Futures advising website: https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Think critically about innovation and the relationship between changes in technology and society, as well as demonstrate knowledge of the influences, origins, histories, values and risks across innovation systems.
  •Apply foresight methods to analyze emerging trends and plausible futures, as well as demonstrate the ability to participate as a team member on an inquiry project and manage stakeholder alignment and ecosystem integration.

Career Opportunities:
Completing this certificate program can help students bring about positive change and innovation in many environments. The unique knowledge and skills gained from this transdisciplinary program enhances a student's bachelor's degree and career prospects. The certificate can complement any career path in a variety of sectors, including business, technology, science, education or government.

Contact Information:
Global Futures, College of

School for the Future of Innovation in Society
https://sfis.asu.edu/degree-programs/undergrad/cert/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Interdisciplinary Health Humanities Certificate (LAIHHUCERT)

Campus: Tempe, West

Description:

The certificate program in interdisciplinary health humanities brings humanities methodologies to analyses of health and medicine in order to address challenges in health policy and health care practice and to advance understandings of the cultural formations of health, illness and the body.

The curriculum includes courses in areas such as history of medicine, bioethics, disability studies, socio-cultural aspects of health and narrative medicine. It includes critical analyses of representations of health and illness in literature and other media as well as training in narrative and structural competency for health care professionals. A capstone course, internship or applied project offers experiential or project-based learning in this field.

Program Requirements:

The interdisciplinary health humanities certificate requires a total of 15 credit hours. A minimum of 12 upper-division credit hours are required, with at least nine of those credit hours taken in courses offered by The College of Liberal Arts and Sciences for students on the Tempe campus, or by the School of Humanities, Arts and Cultural Studies in the New College of Interdisciplinary Arts and Sciences on the West campus.
All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Interdisciplinary Health Humanities Core -- 6 credit hours
ENG 203: Introduction to Health Humanities (HU) (3)
Notes: available on the Tempe and West campuses
ENG 484: Internship or ENG 498: Pro-Seminar (L) or ENG 499: Individualized Instruction (3)

Electives (select three) -- 9 credit hours
AFR 383: Blacks in Science, Medicine and Public Health (3)
ASB 301: Global History of Health (SB & G & H) (3)
ASB 305: Poverty and Global Health ((L or SB) & G) (3)
ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
ASB 355: Traditional Medicine and Healing (HU or SB) (3)
BIO 312 / IAS 340 / PHI 320: Bioethics (HU) (3)
BIO 315 / ENG 370: Science, Values, and the Public (3)
ENG 469: Science and Literature (3)
FIS 498: Stem Cell Policy Research (3)
FOR 406 / IAS 406 / PHI 406: Moral Dilemmas (L or HU) (3)
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing (3)
HPS 314 / PHI 314: Philosophy of Science (HU) (3)
HPS 331 / BIO 318: History of Medicine (HU & H) (3)
LSC 363: Genes, Race, Gender, and Society (L) (3)
MED 300: Historical and Contemporary Issues in Health (L) (3)
PHI 306: Applied Ethics (HU) (3)
REL 381: Religion and Moral Issues (L or HU) (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 448: Epidemics and Society (SB & G) (3)
TCL 323: Latina/o Health Issues (SB & C) (3)
TCL 410: Race, Medicine, and the Body (L) (3)
WST 444: Gender, Health, and Bodies (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.
Some elective courses may be available only on the Tempe campus or the West campus.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students become more marketable and can advance their career options when they have complemented their major with this methodological specialization in interdisciplinary health humanities.

Students who complete this undergraduate certificate often decide to pursue employment in the health professions. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

International Business Studies Certificate (BAIBSCERT)

Campus: Tempe

Description:
The certificate program in international business studies is designed to help students develop competence in a foreign language and a sensitivity to foreign cultures. It provides an awareness of global social processes and an understanding of international business environments, principles and operations.

The W. P. Carey School of Business has partnerships with universities all over the world, so students can experience new cultures, visit new places and build intercultural and language skills. International internships also are offered in conjunction with the ASU Global Education Office.

Program Requirements:
This certificate program requires a minimum of 18 credit hours (at least 12 credit hours must be upper division). All business coursework must be completed through the W. P. Carey School of Business or through an approved ASU international study program.
Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or better may be used to meet the certificate requirements, and an overall certificate GPA of at least 2.50 must be earned.

Students must meet all course prerequisites and requirements as listed in the ASU catalog. Requirements must be met within one year after degree conferral date.

International Business Core Course -- 3 credit hours
MGT 302: Principles of International Business (G) or ECN 306: Survey of International Economics (SB & G) (3)

A. International Business Electives -- 6 credit hours
AGB 302: International Management and Agribusiness (G) (3)
ECN 306: Survey of International Economics (SB & G) (3)
ECN 331: Economics of the European Economic Union (SB & G) (3)
ECN 335: South Asia and the World Economy (SB & G) (3)
ECN 360: Economic Development (SB & G) (3)
ECN 365: Economics of Russia and Eastern Europe (SB & G) (3)
ECN 436: International Trade Theory (SB & G) (3)
ECN 438: International Monetary Economics (SB & G) (3)
FIN 456: International Financial Management (G) (3)
MGT 302: Principles of International Business (G) (3)
MGT 400: Cross-Cultural Management (C & G) (3)
MGT 425: Global Human Resources (3)
MGT 459: International Management (G) (3)
MKT 425: Global Marketing Management (G) (3)
SCM 463: Global Supply Chain Management (G) (3)

*300+ level WPC subject courses earned on a sponsored ASU study abroad program may be applied toward the elective area, per approval of the international programs coordinator. Courses applied toward the W. P. Carey business core cannot be used toward the elective area.

B. Nonbusiness Global Awareness Coursework -- 9 credit hours
Nonbusiness Global Awareness Coursework (9)

Notes: These hours may be satisfied by any combination of the following:

1. Students can choose any of the university-designated nonbusiness global awareness ("G") courses.

2. One course must be upper-division to meet the 12 upper-division hours requirement.

3. It is recommended to choose courses related to the area of study abroad experience. Additional courses may be approved by the international program coordinator.

4. Nonbusiness global awareness hours may also be satisfied by:

* An ASU or W. P. Carey School of Business education abroad program earning six credit hours or more fulfills six of the credit hours of nonbusiness global requirements.

* An ASU or W. P. Carey School of Business education abroad program earning three credit hours fulfills three of the credit hours of nonbusiness global requirements.

C. Foreign Language Proficiency

The certificate program requires students to meet a foreign language proficiency by meeting one of the the following:

- Completion of one year (two semesters) of the same foreign language at the college level.
- Completion of one semester of the equivalent of 101- and 102-level coursework.
- Completion of two years of the same foreign language in high school with a minimum grade of "C" (2.00 on a 4.00 scale).
- Documentation of a proficiency or placement test confirming preparedness to start at least the second year of a foreign language (201 level or above).
- A student whose native language is not English may have this requirement waived.

D. International Study Experience

The certificate program requires students to participate in an ASU Global Education Office sponsored program. Students cannot use independent non-sponsored programs to fulfill this requirement. Sponsored programs can be found on the Global Education Office website at https://goglobal.asu.edu/ (https://goglobal.asu.edu/).

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information on this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/BAIBSCERT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/BAIBSCERT/Gedt.pdf).

Career Opportunities:

Students can advance their career options with an undergraduate certificate. The certificate in international business allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete this undergraduate certificate often decide to pursue employment in management, sales, marketing and communication. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

https://wpcarey.asu.edu/undergraduate-degrees/international-business-certificate

BA 160

wpcglobalprograms@asu.edu

480-965-4227

International Cinema Certificate (LAICINCERT)

Campus: Tempe

Description:

The power of international cinema lies in its ability to underscore national differences and engage diverse viewpoints.

The certificate program in international cinema provides undergraduates with the means to explore and understand the role that international film plays in highlighting cultural diversity; reflecting the sociocultural, political and economic currents of the period and cultural setting depicted; and calling into question an accepted idea of the dominance of Hollywood film.

Following an integrated pathway through the variety of international film courses, the certificate program explores facets of international film history and production not often covered by American programs in film studies. Students majoring in a second language can explore a particular culture's filmic heritage and traverse avenues for comparative analysis between the filmic heritage of two or more cultures. Students majoring in other areas can encounter visual narratives different from their own and connect international cinema to their own respective experiences.

Program Requirements:
The certificate requires 18 credit hours of upper-division coursework. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Core Course -- 3 credit hours
SLC 340: Approaches to International Cinema (HU & G) (3)

Electives (choose five) -- 15 credit hours
CHI 345: Chinese Film and Civilization (3)
FMP 404: World Cinema (G) (3)
FMS 426: Films of India (3)
FMS 427: Identity and World Film (C) (3)
FMS 430: Artists in Film: Artists' Biopics (3)
FMS 441: Global Cinema (3)
GER 445 / FMS 445 / SLC 445: The Holocaust in German-Mediated Memory (3)
GER 446 / FMS 446 / SLC 446: Weimar-Era German Film (3)
HEB 349: Israeli Wars in Israeli Movies (HU & G) (3)
ITA 420: Italian Cinema (L & G) (3)
KOR 347: Korean Film and Literature (HU) (3)
SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) (3)
SLC 440: Approaches to Film Theory (3)
SLC 450: Experimental Narrative (HU) (3)
SPA 475: Latin American Film ((L or HU) & G) (3)
THE 422: Latinx Theatre and Film (HU & C) (3)

Additional upper-division elective courses may be approved by the coordinator of the certificate program.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
ASU students in sophomore standing or above with a GPA of at least 2.50 in any degree program are eligible for the international cinema certificate program. Admission to the certificate program is approved by the certificate coordinator in consultation with advisors.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in international cinema with their major program of study may be more marketable to employers. They often decide to pursue employment in education, tourism or the arts and humanities.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-modern-hebrew
DH 131
silcadvising@asu.edu
480-965-6281

International Studies Certificate (LAINSCERT)

Campus: Tempe

Description:

Students completing the international studies certificate develop a sophisticated understanding of some of the major issues and trends facing the world today. Courses examine relations among nations, including America's role in the world; key international concerns such as human rights; and the internal politics of specific nations or regions.

The certificate is not a substitute for degree requirements in any subject, including political science. Rather, the required courses add an international and comparative dimension to the student's chosen major.

Program Requirements:

The certificate in international studies is comprised of 15 credit hours in political science and global studies. At least 12 credit hours must be in upper-division coursework and at least six of those credit hours must be from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses used toward the certificate.

Foundations for International Studies (choose one course) -- 3 credit hours
POS 150: Comparative Government (SB & G) (3)
POS 160: Global Politics (SB & G) (3)

The U.S. in the World (choose one course) -- 3 credit hours
POS 361: American Foreign Policy (SB & G) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)

Contemporary Issues in International Studies (choose two courses) -- 6 credit hours
POS 300: Contemporary Global Controversies (SB & G) (3)
POS 368: Ethics and Human Rights (3)
POS 465: International Organization and Law (SB & G) (3)
POS 467: International Security (SB & G) (3)
POS 486: International Political Economy (SB & G) (3)
SGS 301: Principles of Global Studies (G) (3)
SGS 303: Global Trends (SB & G) (3)
SGS 324: Global Trade in Real Time (3)
SGS 350: Economic Development and Globalization (3)
SGS 361: World Society: Imagining the World (3)
SGS 370: Geopolitics (3)

Regional or Topical Exploration (choose one course) -- 3 credit hours
POS 350: Comparative Politics (SB & G) (3)
POS 351: Democratization (SB & G) (3)
POS 352: European Democracies (3)
POS 353: Comparative Politics of the Middle East (3)
POS 356: European Union (SB & G) (3)
POS 357: South Asia Politics (SB & G) (3)
POS 358: Southeast Asia (SB & G) (3)
POS 359: African Politics and Society (SB & G) (3)
POS 360: World Politics (SB & G) (3)
POS 365: Terrorism and Insurgency (3)
POS 379: The Resource Curse (3)
POS 452: China (SB & G) (3)
POS 453: Latin America (SB & G) (3)
POS 454: Mexico (SB & G) (3)
POS 468: Comparative Asian Foreign Policies (SB & G) (3)
SGS 360: Cultural Aspects of Globalization (3)

Only one of POS 160 Global Politics and POS 360 World Politics courses may apply to the certificate.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in international studies with their major program of study may become more marketable to employers. They often decide to pursue employment in diplomacy and international relations, national security or international business.

The international studies certificate program prepares students for careers in government agencies, international governmental and nongovernmental organizations, multinational firms and banks and for graduate studies in international relations and political science.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

International Trade Certificate (TBINTRCERT)

Campus: Downtown Phoenix, West

Description:
International trade is increasingly important in this globalized economy, but also increasingly challenging. The International Monetary Fund predicts that most of the world's economic growth in the next decade will take place in the largest emerging markets, which are not always easy for companies and nonprofit organizations to penetrate. Most of the world's consumers are outside of the United States. Given these trends, organizations across sectors that operate in multiple countries are increasingly in need of managers who understand the complexities of the global economy.

The undergraduate certificate program in international trade provides students with an understanding of foreign markets and the intricacies of international trade, laying the foundation for a career that can take them anywhere in the world.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. Home to the BGM and BS in international trade, the school's innovative and practical curriculum complements a strong core of global business management skills, international political economy and cross-cultural training, with a transdisciplinary approach. The alumni network has over 45,000 graduates across 170 chapters around the globe.

Program Requirements:
The certificate in international trade requires 18 credit hours as outlined below, with a minimum of 12 upper-division credits. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.

Required Courses -- 6 credit hours
TGM 101: Principles of Global Management (G) (3)
TGM 430: International Trade and Regional Economic Agreements (3)
It is recommended that students take TGM 101 prior to or concurrently with other TGM courses.

Electives -- 12 credit hours
TGM 204: Principles of Marketing for Global Organizations (3)
TGM 300: Principles of Finance for Global Organizations (3)
TGM 310: Supply Chain Operations for Global Organizations (3)
TGM 312: Big Data in the Global Economy (3)
TGM 353: Regional Management Environment (G) (3)
TGM 460: Global Risk Assessment and Management (3)
TGM 468: States and Markets in a Global Economy (SB & G) (3)
TGM 478: Cross-Cultural Communication and Negotiation (3)
TGM 489: Multinational Organizational Leadership (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Study abroad or international experience is encouraged but not required. Consider ASU Global Education Office (https://goglobal.asu.edu/) opportunities.

Enrollment Requirements:
Incompatible Majors: BGM in global management and BS in international trade

No more than six credit hours may be shared between certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who combined the certificate in international trade with their major program of study may be more marketable to employers. They often decide to pursue employment in corporations, governments and nonprofits in positions such as global logistics manager, import and export agent, or international compliance manager.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Global Management, Thunderbird School of
Thunderbird School of Global Management
https://thunderbird.asu.edu
FAB N290
ugadvising@thunderbird.asu.edu
602-543-0029

Islamic Studies Certificate (LAISLCERT)

Campus: Tempe

Description:
The certificate in Islamic studies allows students to gain an appreciation of Islam's multiculturalism and contemporary relevance in multiple geographic settings.

The program is designed to prepare students for graduate programs in religious studies, Islamic studies and area studies, and for any academic discipline or career that focuses on the global Muslim society.

Program Requirements:
The certificate in Islamic studies requires a minimum of 26 credit hours. At least 12 upper-division hours are required. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course used toward the certificate.

Core -- 9 credit hours
HST 260 / REL 260: Introduction to Islam (HU & G) (3)
HST 336 / REL 365: Islamic Civilization (HU & H) (3)
HST 339 / REL 366: Islam in the Modern World (HU & G) (3)

Language Requirement -- 8 credit hours
Students must take a minimum of eight credit hours in the same language: either Arabic or Indonesian, or other appropriate languages, such as Farsi, Tatar, or Uzbek. Students who are native speakers of these languages or other Islamic languages, or who have other equivalent knowledge may substitute eight credit hours of additional coursework selected from the list of approved electives. See program coordinator.

ARB 101: Elementary Arabic I (G) (5)
ARB 102: Elementary Arabic II (G) (5)
ARB 201: Intermediate Arabic I (G) (5)
ARB 202: Intermediate Arabic II (G) (5)
ARB 311: Advanced Arabic Skills I (3)
ARB 321: Arabic Conversation I (3)
ARB 411: Advanced Arabic Skills II (G) (3)

ARB 421: Arabic Conversation II (3)
IDN 101: Elementary Indonesian I (5)
IDN 102: Elementary Indonesian II (5)
IDN 201: Intermediate Indonesian I (G) (5)
IDN 202: Intermediate Indonesian II (G) (5)

Elective Courses -- 9 credit hours
Students must choose electives that represent at least two of three geographic regions. The available geographic regions are Africa and the Middle East, America and Europe, and Asia. No more than one course from the "non-geographic" list may apply toward the certificate. It is recommended that students work with an academic advisor in the School of Historical, Philosophical and Religious Studies to select appropriate elective courses.

Africa and the Middle East
AFR 300 / ASB 310: Precolonial Africa (SB & G & H) (3)
AFR 340: The Making of Modern Africa (SB & G & H) (3)
AFR 466 / ASB 466: Peoples and Cultures of Africa (SB & G) (3)
ARB 331 / SLC 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 337: Hadith and Prophetic Tradition (HU & H & G) (3)
ARB 341: Quran Text and Women (HU & H) (3)
ARB 351: Classical Arabic Literature (HU & G) (3)
ARB 352: Modern Arabic Literature in Translation (HU & G) (3)
ARB 394: Iraqi Culture & Society (3)
ASB 366 / AFR 366: African Archaeology: Precolonial Urban Culture (SB & H) (3)
GCU 328: Geography of Middle East and North Africa (SB & G) (3)
HST 307: Studies in African History (H) (3)
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
POS 353: Comparative Politics of the Middle East (3)
POS 359: African Politics and Society (SB & G) (3)
REL 362 / AFR 372 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)
REL 369: Women in Islam (3)
REL 461 / AFR 480 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)

America and Europe
GCU 426: Geography of Russia and Surroundings (SB & G) (3)
REL 310: Western Religious Traditions (HU & H) (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 377: Religion in Russia (HU & H) (3)
SGS 394: The Kosovo War (3)
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) (3)
SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

Asia
ASB 325: Peoples of Southeast Asia (G) (3)
GCU 326: Geography of Asia (SB & G) (3)
GCU 433: Geography of Southeast Asia (3)
HST 106: Asian Civilizations ((HU or SB) & G & H) (3)
HST 111 / REL 111: Introduction to Asia (HU & H & G) (3)
HST 240 / GCU 240 / POS 240 / REL 240 / SGS 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
HST 245 / POS 245 / REL 245 / SGS 245 / SLC 245: Introduction to India and South Asia (HU & H & G) (3)
HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)
HST 392: Modern India (3)
REL 347: Religions of India ((L or HU) & G) (3)
REL 348: Religion and Culture in Southeast Asia (3)
REL 364: Islam in Eurasia and Central Asia (3)

Non-geographic
ARB 336: Introduction to the Qur'an (G) (3)
ARS 394: Islamic Art (3)
HST 302: Gender and Sexuality in Islam (3)
HST 302 / JST 302: Jews, Christians & Muslims in Early Modern World (3)
HST 302 / JST 302: Jews, Christians & Muslims in the Medieval World (3)
HST 302: Women, War and Peace (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)

REL 205: Life, Sex and Death (HU) (3)
REL 363 / AFR 373: Islam and World Affairs (G) (3)
REL 378 / POS 378: Religion, War and Peace (L) (3)
REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)
REL 460: Islam and Politics (HU & G) (3)
REL 480 / SGS 441: Religion and Global Politics (L & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
There are no specific admission requirements other than a student's desire to learn about Islam and Islamic societies and culture.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Analyze an academic issue in Islamic Studies.
  •Compose a critical argument about an academic issue related to Islamic Studies.
  •Identify and summarize important features of the major periods of Islamic Civilization from the seventh century to the present.

Career Opportunities:
Students become more marketable to employers when they have complemented their major program of study with this specialization in Islamic studies.

Often, students who complete this undergraduate certificate decide to pursue employment in law, international law, business, journalism, international relations, diplomacy and the intelligence service. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Jewish Studies Certificate (LAJUDCERT)

Campus: Tempe

Description:
The Jewish studies certificate program examines the history and culture of the Jews, generates and facilitates research on Judaica, and provides a model for transdisciplinary teaching and research. The certificate program provides the community with programs, courses and research to further the understanding of Judaica and stands as an example of the university's commitment to a program of meaningful ethnic studies on a firm academic base.

Program Requirements:
The certificate in Jewish studies requires a minimum of 21 credit hours in approved coursework. At least 12 upper-division hours are required. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course used toward the certificate.

Language Requirement -- 6 credit hours
Students must complete two semesters of the same language (6-10 credit hours).

ARB 101: Elementary Arabic I (G) AND ARB 102: Elementary Arabic II (G) (10)
GER 101: Elementary German I (G) AND GER 102: Elementary German II (G) (8)

HEB 101 AND HEB 102: Elementary Modern Hebrew (G) (8)
HEB 131: Biblical Hebrew I AND HEB 132: Biblical Hebrew II (6)
SPA 101: Elementary Spanish I AND SPA 102: Elementary Spanish II (8)

Thematic Track Electives (choose three courses) -- 9 credit hours
Students choose one course in three of five thematic tracks. Available tracks include history, humanities, literature, religious studies and social studies. At least six credit hours must be upper-division coursework. (9)

History
HEB 375: Contemporary Culture of Israel (HU & G) (3)
HST 302: Jews, Christians & Muslims in Early Modern World (3)
HST 302: Jews, Christians & Muslims in the Medieval World (3)
HST 304: Exiles, Migrants, Refugees in Jewish History (3)
HST 304: History of Antisemitism (3)
HST 304: Jews and Christians in the Middle Ages (3)
HST 304: Nazi Germany (3)
HST 304: Rebirth of European Jewish Life after 1950 (3)
HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)
HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
HST 436: Rise & Fall of Soviet Communism (SB & G & H) (3)
JST 210 / REL 210: Introduction to Judaism (HU & H) (3)
JST 211 / HST 211 / REL 211: Jews and Judaism in America (SB & H & C) (3)
JST 230 / HST 230 / REL 230: Introduction to Jewish Civilization (HU & H & G) (3)
JST 302: Studies in History (3)
JST 304: Studies in European History (3)
JST 314 / HST 390 / PHI 390 / REL 314: Jewish Philosophy (3)
JST 315 / REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) (3)
JST 347 / ENG 347 / HEB 347 / SLC 347: Modern Israeli Literature in Translation (HU & G) (3)
JST 369 / HST 369 / REL 312: History and Memory of the Holocaust (3)
JST 491: History of Antisemitism (3)
REL 410: Judaism in Modern Times (HU & H) (3)

Humanities
ENG 356: The Bible as Literature (HU) (3)
JST 314 / HST 390 / PHI 390 / REL 314: Jewish Philosophy (3)
JST 315 / REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) (3)
JST 316 / ENG 316 / HEB 316 / REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)
JST 318 / REL 318: Contemporary American Jewish Identities ((HU or SB) & C) (3)
JST 346 / FMS 349 / HEB 349: Israeli Wars in Israeli Movies (HU & G) (3)
JST 348 / HEB 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
JST 349 / HPS 349 / REL 349 / SOS 349: Nature, Sustainability and Religion (3)
JST 445 / FMS 445 / GER 445 / SLC 445: The Holocaust in German-Mediated Memory (3)
JST 459 / SLC 459 / SPA 459: Latin American Jewish Culture (3)
JST 496: Biblical Narratives: Literary Approaches (3)
REL 313: Anti-Semitism in the Media (3)
REL 410: Judaism in Modern Times (HU & H) (3)

Literature
ENG 356: The Bible as Literature (HU) (3)
JST 316 / ENG 316 / HEB 316 / REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)
JST 347 / ENG 347 / HEB 347 / SLC 347: Modern Israeli Literature in Translation (HU & G) (3)
JST 411 / HEB 411 / REL 411: Judaism and the Beginnings of Christianity (HU & H) (3)
JST 459 / SLC 459 / SPA 459: Latin American Jewish Culture (3)
JST 496: Biblical Narratives: Literary Approaches (3)

Religious Studies
JST 210 / REL 210: Introduction to Judaism (HU & H) (3)
JST 314 / HST 390 / PHI 390 / REL 314: Jewish Philosophy (3)
JST 316 / ENG 316 / HEB 316 / REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)
JST 318 / REL 318: Contemporary American Jewish Identities ((HU or SB) & C) (3)
JST 348 / HEB 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
JST 369 / HST 369 / REL 312: History and Memory of the Holocaust (3)
JST 491: History of Antisemitism (3)

JST 495: Judaism, Science and World Religions (3)
JST 496: Biblical Narratives: Literary Approaches (3)
REL 207: Ritual, Symbol, and Myth (L or HU) (3)
REL 310: Western Religious Traditions (HU & H) (3)
REL 313: Anti-Semitism in the Media (3)
REL 385: Contemporary Western Religious Thought (HU) (3)

Social Studies
HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)
HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
JST 211 / HST 211 / REL 211: Jews and Judaism in America (SB & H & C) (3)
JST 318 / REL 318: Contemporary American Jewish Identities ((HU or SB) & C) (3)
JST 348 / HEB 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
JUS 374: The Holocaust, Genocide, and Human Rights (3)
STS 364: Science, Technology, and National Security (SB) (3)

Upper-Division Electives -- 6 credit hours
Students choose upper-division electives from any of the thematic track course lists (the electives may be from any combination of thematic tracks).

Upper Division Certificate Electives (6)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Incompatible Majors: BA in Jewish studies

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students become more marketable to employers when they complement their major program of study with an undergraduate certificate.

Through a certificate in Jewish studies, students gain a familiarity of Jewish culture which gives them a competitive edge when they pursue a career with one of the hundreds of U.S. companies that do business in Israel.

These students are also prepared to:

- attend rabbinic seminary in preparation for becoming a rabbi or chaplain
- engage in world political and economic issues
- pursue advanced education in Jewish professional service fields

The certificate also provides a foundation for students who wish to pursue advanced degrees or careers related to their area of interest in fields that may include archeology, history, justice studies, journalism, law and international relations. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Juvenile Justice Certificate (PPJVJUCERT)
Campus: Downtown Phoenix, Online

Description:
This certificate program in juvenile justice provides students in-depth knowledge on theory, policy and practice related to juvenile delinquency and

justice.

The curriculum covers key topics related to delinquent and criminal behavior committed by those under 18 years of age. These topics include a focus on juvenile delinquency and theoretical perspectives on why juveniles engage in delinquent acts; life-course criminology and how key turning points in life impact trajectories of crime and delinquency; and juvenile justice and how the criminal justice system, including police, courts and correctional agencies, respond to delinquent acts.

Program Requirements:
Required Core -- 9 credit hours
CRJ 204: Juvenile Justice (3)
CRJ 404: Juvenile Delinquency (3)
CRJ 425: Life-Course Criminology (3)

Electives (choose two) -- 6 credit hours
CDE 312 / SOC 312: Adolescence (SB) (3)
CDE 450: Childhood Disorders and Family Functioning (3)
CRJ 462: Gangs (3)
CRJ 494: Children and The Law (3)
Notes: Other juvenile justice-related topics may be substituted.
JUS 477: Youth and Justice (L or SB) (3)
PSY 341: Developmental Psychology (SB) (3)
TEL 315: Child and Adolescent Development (L or SB) (3)

At least 12 credit hours must be taken in residence at ASU.
A "C" (2.00 on a 4.00 scale) or better is required in all coursework required for the certificate.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Completion of the following prerequisite courses with grades of "C" or higher are required for enrollment in the certificate program:

 • CRJ 100 Introduction to Criminal Justice
 • Completion of one of the following two-course sequences in research methods and statistics with a grade of "C" or higher is required for enrollment in the certificate program: CRJ 302/CRJ 303 or JUS 301/JUS 302 or PSY 290/PSY 230 or SOC 391/SOC 390 or SWU 320/SWU 321 or FAS 361/SOC 390 OR PSY 230

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Students completing this certificate develop expertise in understanding youth crime and responses to it. This expertise prepares them for employment opportunities in juvenile courts, juvenile probation and corrections, and social service agencies.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 600
SCCJadvising@asu.edu
602-496-2356

Korean Studies Certificate (LAKORCERT)
Campus: Tempe

Description:

The certificate program in Korean studies aims to train and produce students who are linguistically capable and culturally informed.

The program consists of two major components. The first builds students' Korean language proficiency in the areas of speaking, listening, reading and writing. The second offers students a broad range of knowledge of the culture, literature, history, art and religions of Korea. The certificate allows students to focus on Korean studies.

Program Requirements:
The certificate in Korean studies requires 22 credit hours, of which at least 12 must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Korean Language -- 10 credit hours
Students must choose one two-course sequence from KOR 101, KOR 102, KOR 201, KOR 202, for a total of 10 credit hours. Course substitutions may be permitted for heritage speakers and other advanced speakers of the Korean language based on their proficiency level as determined by the Korean Placement Test.
KOR 101: First-Year Korean I (5)
KOR 102: First-Year Korean II (5)
KOR 201: Second-Year Korean I (G) (5)
KOR 202: Second-Year Korean II (G) (5)

Upper-Division Electives -- 12 credit hours
KOR 321: Modern Korean Literature (HU) (3)
KOR 347: Korean Film and Literature (HU) (3)
KOR 350: Women of Korea (H) (3)
KOR 354: Religions of Korea (HU) (3)

Additional courses may be approved in consultation with an academic advisor in the School of International Letters and Cultures or the coordinator of the certificate. The completion of the requirements will be reviewed both by students' designated advisors and the coordinator of the program. Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
ASU students admitted to a degree program in any field of study are eligible for the Korean studies certificate program. Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in Korean studies with their major program of study may be more marketable to employers.

They have an enriched perspective on different cultures and societies at the intellectual level and are equipped with a practical knowledge of Korean that will benefit a career in various professions, including in academia, government work, international trade, with nongovernmental organizations and translation. Graduates often decide to pursue employment in education, the military, political analysis, tourism and hospitality or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-korean-studies-cert
DH 131
silcadvising@asu.edu
480-965-6281

Latin American Studies Certificate (LALASCERT)
Campus: Tempe

Description:
The Latin American studies certificate is designed to give students an understanding of the culture, economies, political structures and history of

Latin American nations.

The program combines six courses across disciplinary boundaries to provide a diverse perspective of the Latin American experience. The Department of Economics; the School of Geographical Sciences and Urban Planning; the School of Historical, Philosophical and Religious Studies; the School of Politics and Global Studies; the School of Human Evolution and Social Change; the School of International Letters and Cultures (Spanish and Portuguese) and the School of Transborder Studies offer courses that comprise the transdisciplinary certificate.

Program Requirements:
The certificate requires a minimum of 18 credit hours of Latin American studies content. At least 12 upper-division credit hours must be completed from courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Language Requirement
Students must demonstrate Spanish or Portuguese proficiency through the 313 level of conversation and composition. The language proficiency requirement may be waived for native speakers or those with in-field experience equivalent to SPA 313 or POR 313.

Language instruction courses dealing with Spanish and Portuguese conversation and composition cannot be used to satisfy the content course requirement. While students are encouraged to enroll in language instruction courses (i.e., conversation and composition) above the 313 level, they cannot apply such coursework to the Latin American studies certificate course requirements.

Latin American Content Course Requirements -- 18 credit hours
Students will take 18 upper-division credit hours (six courses) from this list of Latin American content courses. Students are required to select nine credit hours (three courses) from within their major and nine credit hours (three courses) outside their major.

ARS 362: Survey of Aztec, Maya and Inka Art (HU) (3)
ASB 322: Peoples of Latin America ((L or SB) & G) (3)
ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) (3)
GCU 323: Geography of Latin America (SB & G) (3)
GCU 424: Geography of Mexico and Middle America (SB & G) (3)
HST 305: Studies in Latin American History (3)
HST 331 / TCL 331: Mexican American History to 1900 (SB & H & C) (3)
HST 375: Colonial Latin America (SB & H) (3)
HST 376: Modern Latin America (SB & G & H) (3)
HST 441: Latin America and the World Economy (L & G & H) (3)
HST 443: The United States and Latin America (SB & G & H) (3)
HST 445: 20th-Century Cuba (SB & G & H) (3)
HST 447: Modern Mexico (SB & H) (3)
POR 472: Luso-Brazilian Civilization (HU & G) (3)
POR 494: Special Topics (3)
POS 305: Politics and Film (SB) (3)
POS 453: Latin America (SB & G) (3)
POS 454: Mexico (SB & G) (3)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) (3)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G) (3)
SPA 456: 20th-Century Spanish American Fiction (3)
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)
SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)
SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)
SPA 475 / SLC 475: Latin American Film ((L or HU) & G) (3)
TCL 310: Folklore of the Southwest (HU & C) (3)
TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)
TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G) (3)
TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) (3)
THE 426: Pre-Columbian Theatre of the Americas (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Any student admitted to study at ASU may complete a certificate program.

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in Latin American studies with their major program of study may become more marketable to employers. They often decide to pursue employment in education, political analysis, the military, tourism and hospitality, and marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-latin-american-studies-cert
DH 131
silcadvising@asu.edu
480-965-6281

Latino Politics and Policy Certificate (LALPPCERT)
Campus: Tempe

Description:
This certificate program in Latino politics and policy advances students' understanding of the past and present political experiences of Latinos, and policy issues surrounding this community. Some issues to be examined include immigration, voting, grassroots organizing, and other political players.

Program Requirements:
The certificate requires 18 credit hours of coursework. At least 15 credit hours must be ASU credit and at least 12 credit hours must be completed at the upper-division level. A minimum of nine credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses used toward the certificate.

Core Requirements -- 9 credit hours
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) or TCL 101: Latinas/os in the U.S. (HU & C) (3)
POS 301: Empirical Political Inquiry (SB) or TCL 304: Transborder Research Methods (SB & C) (3)
POS 438: Latino Politics (SB & C) or TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) (3)

Electives -- 3 credit hours
POS 394: Politics of U.S. Immigration (3)
POS 410: Governing American Cities (SB) (3)
POS 439: Minority Group Politics in America (SB & C) (3)
TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)
TCL 341: Latinas/os and the City (C) (3)
TCL 342: Social Demographics of Latino Populations (SB & C) (3)
TCL 377: Arizona, Immigration, Latinos and Politics (3)
TCL 443: Political Ecology of the Border (SB & G) (3)

Related Electives -- 3 credit hours
JUS 320: Community and Social Justice (SB & C) (3)
JUS 347: Immigration, Education and the Family (L) (3)
JUS 350: Immigration and Justice (SB & C) (3)
JUS 370: Cultural Diversity and Justice ((L or HU) & C) (3)
PAF 405: Citizen Engagement and Community Building (3)
TCL 332: Mexican American History Since 1900 (SB & H & C) (3)

Internship -- 3 credit hours
POS 484: Internship (3)
TCL 484: Internship (3)
Students in the program must have a minimum 2.50 GPA in order to enroll and complete the internship requirement.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students must have a minimum 2.00 GPA to add this certificate program.

Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates from this certificate program are more marketable to employers in the fields of law, public policy, business, health, education, social services and in government agencies.

Contact Information:
Liberal Arts and Sciences, The College of
School of Transborder Studies
https://sts.asu.edu/
INTDSB B165
sts.undergrad@asu.edu
480-965-5091

Law and Human Behavior Certificate (PPLWHBCERT)

Campus: Downtown Phoenix, Tempe, West

Description:
Law and human behavior is an umbrella term that encompasses various aspects of the rapidly emerging field of forensic psychology, law and justice.

This 18 credit hour certificate program focuses on the criminal justice aspects of forensic psychology, emphasizing victimology, offender treatment, criminal incapacity, mental health law, juvenile justice and delinquency, and the dynamics of how the criminal justice system intersects with behavioral science.

The program is designed to provide students of social services and social sciences with an understanding of important but understudied areas where justice policy is in desperate need of empirical, psychological research.

Program Requirements:
Required Core -- 12 credit hours
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law (3)
CRJ 410: Criminal Procedure I: The Law of Investigations (3)
PSY 366: Abnormal Psychology (SB) (3)
PSY 468: Psychology and Law (3)

Electives (choose two from outside of one's major) -- 6 credit hours
CRJ 309: Criminology (SB) (3)
CRJ 403: Victims and the Criminal Justice System (3)
CRJ 406: Sex Crimes (3)
CRJ 434: Drugs of Abuse (3)
CRJ 435: Crime and Forensic Mental Health (SB) (3)
CRJ 484: Internship (1-6)
Notes: Only those relevant to law and human behavior
CRJ 494: Special Topics (3)
Notes: Only those relevant to law and human behavior
PSY 341: Developmental Psychology (SB) (3)
PSY 368: Forensic Psychology (3)
PSY 443: Abnormal Child Psychology (L or SB) (3)
PSY 472: Clinical Psychology (3)
PSY 474: Correctional Psychology (3)
PSY 494: Special Topics (3)
Notes: Only those relevant to law and human behavior

1. Special Topics courses (CRJ 494 and PSY 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the law and human behavior certificate program.
2. At least 12 credit hours must be taken in residence at ASU.
3. A "C" (2.00 on a 4.00 scale) or better is required in all coursework required for the certificate.
4. Bachelor of Science in criminology and criminal justice majors who are also pursuing the Law and Human Behavior certificate may not use CRJ 309, CRJ 403, CRJ 406, CRJ 410, CRJ 434, CRJ 435, CRJ 484, and CRJ 494 towards both their degree and certificate.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students must complete the following prerequisite courses with a grade of "C" or higher (scale is 4.00 = "A") in order to enroll in the certificate program. These courses may be taken in-residence at ASU or may be transferred in from other institutions, including community colleges. Because these courses are requirements for the bachelor's degree program in psychology or criminology and criminal justice, their completion satisfies not only requirements of these two majors, but also the prerequisite requirements for enrollment in the certificate program in law and human behavior.

Completion of the following prerequisite courses with grades of "C" or higher are required for enrollment in the certificate program:

  • CRJ 100 Introduction to Criminal Justice
  • PSY 101 Introduction to Psychology
  • first-year composition (ENG 102, 105 or 107)
  • a course which meets the General Studies MA requirement (MAT 117, 119, 142, 170, 210 or 270)
one of the following two-course sequences in statistics and research methods:
  • CRJ 302 and 303, or
   • PSY 230 and 290

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates of the law and human behavior certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies (federal, state and local) in roles such as evidence and crime scene supervisor (CSI activities), forensic psychologist, intelligence analyst and law enforcement officer. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Leadership and Ethics Certificate (PPLDECERT)

Campus: Downtown Phoenix

Description:
The certificate program in leadership and ethics focuses on understanding the broad transdisciplinary field of leadership and its application to various elements of society and community, and it prepares individuals for positions of leadership and responsibility in the university, in student organizations, in their communities and throughout their careers in business and government.

Program Requirements:
The certificate in leadership and ethics requires four core courses (12 credit hours), including a leadership capstone experience, plus one elective discipline-based course in leadership or ethics (3 credit hours). The three credit hours of elective coursework may be selected from an approved list of elective courses or upon the recommendation of the department.
All courses applied to the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Core Courses -- 12 credit hours
PAF 311: Leadership and Change (SB) (3)
PAF 410: Building Leadership Skills (SB) (3)

PAF 421: Leadership Capstone (3)

PAF 460: Public Service Ethics (3)

All core courses and the leadership capstone must be taken at Arizona State University. Any course substitutions for the certificate are at the discretion of the School of Public Affairs.

Elective Course (choose one) -- 3 credit hours

COM 430: Leadership in Group Communication (3)

HON 497: Honors Colloquium (3)

MGT 300: Organization and Management Leadership (3)

NLM 430: Managing Nonprofit Organizations (L) (3)

PAF 420: Managing Across Boundaries (3)

POS 314: The American Presidency (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students receiving this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations whose work interfaces with the public sector.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

https://spa.asu.edu/undergradminors

UCENT 400

spa@asu.edu

602-496-0450

Leadership in Business Certificate (BALIBCERT)

Campus: Polytechnic, Tempe, West

Description:

The leadership in business certificate program is designed to help students understand the concept of leadership. Students in this program cultivate their leadership identity and understand how the development of their leadership skills impacts their professional development.

Through this program, students develop a strong set of skills necessary for success in a dynamic workplace, skills that include communication, teamwork and collaboration, and problem-solving.

Program Requirements:

The leadership in business certificate requires 15 credit hours, of which at least 12 credit hours must be upper division. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.

Required Courses (choose two courses) -- 6 credit hours

MGT 300: Organization and Management Leadership or MGT 303: Honors Organizational Strategies, Leadership, and Behavior (3)

MGT 310: Collaborative Team Skills (3)

MGT 411: Leading Organizations (3)

Leadership Development Electives (choose two courses, with at least one upper-division course) -- 6 credit hours

COM 225: Public Speaking (L) (3)

COM 259: Communication in Business and the Professions (3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 319: Persuasion and Social Influence (SB) (3)

COM 400: Organizational Communication (3)

JUS 325: Globalization and Socio-Economic Justice (SB & G) (3)

MGT 310: Collaborative Team Skills (3)
MGT 400: Cross-Cultural Management (C & G) (3)
MGT 430: Negotiations (3)
MKT 302: Applied Marketing Management and Leadership (L) (3)
PAF 311: Leadership and Change (SB) (3)
PAF 410: Building Leadership Skills (SB) (3)
PAF 420: Managing Across Boundaries (3)
USL 210: Service Learning: Intro to Diverse Community Issues (L & C) (3)

Cultural Competency Elective (choose one course) -- 3 credit hours
JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)
LES 380: Consumer Perspective of Business Law (3)
MCO 460: Race, Gender, and Media (C) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
PHI 406: Moral Dilemmas (L or HU) (3)
REL 366: Islam in the Modern World (HU & G) (3)
REL 381: Religion and Moral Issues (L or HU) (3)
REL 480: Religion and Global Politics (L & G) (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)
SOC 334: Technology and Society (L or SB) (3)
SOC 339: Grassroots Social Movements (SB) (3)
SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
SOC 352: Social Change (SB & G & H) (3)
SOC 363: Men and Masculinity (SB) (3)
TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)
TCL 328: U.S. Latino Religion and Culture (HU & C) (3)
WST 300: Women and Gender in Contemporary Society (SB & C) (3)
WST 331: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)
WST 365: Women and International Health (G) (3)
WST 467: Ethnic Women Writers (HU & C) (3)
WST 471: Women's International Human Rights (3)
WST 485: Women, Gender, and Leadership (SB & C) (3)

Complete two co-curricular experiences (all pending approval of the certificate coordinator):
1. Complete an approved internship. This requirement must be completed after approval to add the certificate.
2. Approved leadership position on an executive board with a registered ASU club or organization.
3. Approved leadership role in support of the W. P. Carey School of Business or ASU community: (WPC 101 Facilitator, WPC Peer Advisor, Camp Carey Director, Leadership Through Action (Tillman Program), USG Position, Community Assistant, Residential Engagement Leader, A.P.P.L.E., other petition-approved activity).
4. ASU-affiliated study abroad program (https://goglobal.asu.edu/) OR 75 hours of service learning or community service.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate is only open to undergraduate students in the W. P. Carey School of Business.

No more than six credit hours may be shared between the certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in leadership in business with their major program of study may become more marketable to employers. They often decide to pursue employment in management, sales and marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of

Department of Management and Entrepreneurship
https://wpcarey.asu.edu/undergraduate-degrees/business-leadership-certificate
BA 170
wpcareyug@asu.edu
480-965-4227

Leadership, Ethics and Service Certificate (PPLETSCERT)

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Description:

The leadership, ethics and service certificate program includes coursework with an emphasis on values, ethics, leadership and public service. In addition to in-class instruction, the program includes a service learning component during the summer and out-of-classroom activities.

Program Requirements:

A "C" (2.00 on a 4.00 scale) or better is required in all coursework.

Coursework -- 15 credit hours
CRD 435: Service Learning for Community Development (3)
NLM 235: Leadership and Ethics (3)
NLM 410: Social Entrepreneurship (3)
PAF 400: Senior Capstone Project (3)
PAF 410: Building Leadership Skills (SB) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://publicservice.asu.edu/
UCENT 780
copp@asu.edu
602-496-0600

Legal Issues in Criminal Justice Certificate (PPLCRJCERT)

Campus: Downtown Phoenix, West, Online

Description:

The legal issues in criminal justice certificate program focuses on the intersection of policy and its effects on the criminal justice system. Topics include a focus on law and theoretical perspectives on the ramifications of certain policies in the field of criminal justice.

Students seeking more specialized knowledge about legal consequences of policy on the criminal justice system or those interested in careers working in the public sector, law or the criminal justice system should consider this certificate program.

Program Requirements:

Required Core -- 15 credit hours
CRJ 203: Courts and Sentencing (3)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law (3)
CRJ 410: Criminal Procedure I: The Law of Investigations (3)
CRJ 416: Criminal Procedure II: Adjudication (3)
CRJ 460: Criminal Law II: Advanced Substantive Criminal Law (3)

Electives -- 3 credit hours
CRJ 321: Evidence: Imperatives of Proof (3)
CRJ 350: Law and Social Control (SB) (3)
CRJ 411: Legal Issues in Corrections (3)

At least 12 credit hours must be taken in residence at ASU.
A "C" (2.00 on a 4.00 scale) or better is required in all coursework required for the certificate.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students must complete CRJ 100 Introduction to Criminal Justice with a grade of "C" or better (scale is 4.00 = "A") in order to be admitted to the certificate program. This course may be taken at ASU or transferred from another institution, including a community college.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/minors/)

Career Opportunities:
Students are prepared for employment opportunities in public policy, law enforcement and corrections, law firms and social service agencies.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
https://ccj.asu.edu
UCENT 600
SCCJadvising@asu.edu
602-496-2356

Lesbian, Gay, Bisexual and Transgender Studies Certificate (PPLGBTCERT)
Campus: Tempe

Description:
The certificate program in lesbian, gay, bisexual, and transgender studies offers students a multifaceted understanding of society.

Lesbians, gay men, bisexuals and transgender people play important roles as colleagues, clients, parents, children, siblings, neighbors, employees, employers, religious leaders and friends. Given the increasing visibility and changing political climate for LGBTQ people in the United States, all students, not only those who identify themselves as gay, lesbian, bisexual or transgender, are served well by learning about the histories, communities and contemporary social issues regarding people from LGBTQ backgrounds.

The educational experience is enhanced when students are introduced to complex intersections between and among sexual, racial, ethnic, religious, geographic and national identities. This program's philosophy is to promote intellectual and pedagogical diversity as one of the university's greatest assets, and this is done, in part, by instilling in students a sensitivity to cultures different from their own and through careful analysis of the self in historical, artistic and sociocultural contexts.

The goals of the certificate program are to give students knowledge about the history, evolution of and current issues facing the LBGTQ community; practical experience utilizing coursework knowledge in the community through an internship or community service project; and theoretical perspectives on heterosexuality as a presumptive sexual identity. Students gain an understanding of lesbian, gay, bisexual and transgender studies as an academic area of inquiry and an understanding of community politics, dynamics and conflicts; and they engage in a use-inspired education that culminates in a public presentation.

Program Requirements:
The certificate requires 15 credit hours, of which a minimum of 12 must be upper division.

Required Course (choose one) -- 3 credit hours
SST 294: Introduction to LGBTQ History and Culture (3)

SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) (3)

WST 294: Sex, Gender, and Sexuality (3)

Electives -- 9 credit hours

AFR 351 / JUS 351 / WST 351: Gender and Hip Hop (3)

AFR 375: Race, Gender and Sport (SB & C) (3)

APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)

APA 345: Asian Pacific Americans and Film (HU & C & H) (3)

ARS 485: Women in the Visual Arts (L) (3)

ASB 210: Human Sexuality: Anthropological Perspectives (SB & G) (3)

Notes: Only Interdisciplinary Studies major may use additional lower-division courses

ASB 346: Marriage and Family Diversity (SB & C) (3)

BIS 350: Diversity and Organizations (L & C) (3)

Notes: Student must pick LGBT focus for course project and receive approval from certificate advisor.

COM 316: Gender and Communication (SB & C) (3)

COM 421: Rhetoric of Social Issues (HU) (3)

COM 442: Identity, Performance, and Human Communication (3)

COM 494: Gender in the Media (3)

ENG 345: Transgender and Intersex Literature and Film (3)

ENG 440: Sexuality (3)

ENG 443: Gender, Culture and Literacy (3)

ENG 449: Masculinities, Femininities and Literacies (3)

ENG 454: Gender and Literature (L or HU) (3)

FAS 264: Sociology of Gender (SB & C) (3)

Notes: Only Interdisciplinary Studies majors may use additional lower-division courses.

FAS 332: Human Sexuality (SB) (3)

FAS 498: Transgender Youth and Families (3)

HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)

JUS 371: Sexuality and Social Justice (3)

JUS 427: Identity and Justice (L) (3)

JUS 435: Cinema and Justice (3)

MIC 314: HIV/AIDS: Science, Behavior, and Society (3)

SST 494: Transformational Leadership and Embodied Activism (3)

SWU 291: Social Service Delivery Systems (3)

Notes: Only Interdisciplinary Studies majors may use additional lower-division courses

SWU 374: Diversity and Oppression in a Social Work Context (C) (3)

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) (3)

THE 494: Queer Plays and Films (3)

WST 100: Women, Gender, and Society (SB & C) (3)

Notes: Only Interdisciplinary Studies majors may use additional lower-division courses. Credit is only allowed for WST 100 or 300

WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Notes: Credit is only allowed for WST 100 or 300

WST 313: Women and Sexuality (SB & C) (3)

WST 335: Lost in Space: Gender, Race, and Sexuality in Science Fiction (3)

WST 380: Race, Gender, and Class (SB & C) (3)

WST 413: Queer Studies (HU & C) (3)

WST 433: Race and Sexualities in Social Justice Movements (3)

WST 460: Women and the Body (SB & C) (3)

WST 470: Gender and Popular Culture (HU & C) (3)

WST 477: Gender and Violence (SB & C) (3)

Capstone -- 3 credit hours

All students will complete a three credit hour capstone experience after completing a minimum of nine credit hours in the certificate program. The capstone experience will be supervised by any member of the faculty approved by the Lesbian, Gay, Bisexual and Transgender Studies Committee.

Capstone Course (3)

Notes: Select capstone course with consultation of LGBT advisor.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a

nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Demonstrate knowledge about lesbian, gay, bisexual, and transgendered communities
  •Apply knowledge about LGBT communities through directed research, an internship or community based project under the supervision of an ASU faculty member.

Career Opportunities:
Graduates who have combined the certificate in lesbian, gay, bisexual and transgender studies with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Mathematical Concepts of Engineering Certificate (LAMACECERT)
Campus: Tempe, Online

Description:
The certificate program in mathematical concepts of engineering is designed for students who seek a strong foundation in mathematics to support their studies in engineering.

Combining a core foundation in the quantitative and analytical skills found in mathematics with related skills in engineering, the program provides students with a solid mathematical background well suited for multiple career paths.

Program Requirements:
The mathematical concepts of engineering certificate requires a minimum of 21 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. MAT 343 and STP 420 must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Required Courses -- 18 credit hours
IEE 380: Probability and Statistics for Engineering Problem Solving (CS) (3)
MAT 266: Calculus for Engineers II (MA) (3)
MAT 267: Calculus for Engineers III (MA) (3)
MAT 275: Modern Differential Equations (MA) (3)
MAT 343: Applied Linear Algebra (3)
STP 420: Introductory Applied Statistics (CS) (3)

Electives (choose one) -- 3 credit hours
DAT 301: Exploring Data in R and Python (4)
IEE 381: Lean Six Sigma Methodology (3)
IEE 385: Engineering Statistics: Probability (3)
IEE 470: Stochastic Operations Research (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
ASU degree-seeking students
Students must have completed MAT 265 or MAT 270 with a "C" or higher prior to enrolling in the certificate program. Students also must be in good academic standing with a minimum cumulative grade point average of 2.00.

Nondegree-seeking students

This certificate is available through the Pathways for the Future program: https://pff.asu.edu/ (https://pff.asu.edu/). Applicants with or without a bachelor's degree are eligible to apply for, and receive, this certificate through the Pathways for the Futures program. Applicants must have completed MAT 265 or MAT 270 with a "C" grade or higher (scale is 4.00 = "A"). Applicants who have taken these courses at another institution should use the Transfer Guide course search (https://webapp4.asu.edu/transfercreditguide/app/home (https://webapp4.asu.edu/transfercreditguide/app/home)) to determine if a transfer course can fulfill the prerequisite course requirements. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/mathematical-concepts-engineering-undergraduate-certificate/)

Career Opportunities:

The certificate in mathematical concepts of engineering helps students become more marketable to employers by adding this specialization to complement their major program of study.

Contact Information:

Liberal Arts and Sciences, The College of
School of Mathematical and Statistical Sciences
https://math.asu.edu
WXLR 208
math@asu.edu
480-965-7195

Medieval and Renaissance Studies Certificate (LAMRSCERT)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:

The Arizona Center for Medieval and Renaissance Studies has established a certificate program for undergraduate students interested in medieval and Renaissance studies which reflects the transdisciplinary nature of the field.

The program provides students the opportunity to take classes from several disciplines and to receive training in Latin, the international language of the periods, and other early vernacular languages. Completion of the certificate program prepares undergraduate students for advanced study in their fields.

Program Requirements:

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
DH 5th floor
acmrs@asu.edu
480-965-8097

Mild/Moderate Special Education Certificate (TEMSPECERT)

Campus: Tempe, ASU Sync

Description:

The certificate program in mild/moderate special education prepares students to make connections and provide equitable learning environments to meet the diverse learning needs of learners in kindergarten through grade 12.

This certificate program can only be added to the following programs at Mary Lou Fulton Teachers College in order to allow students eligibility for dual-teaching certificates at the completion of their undergraduate degree:

- BAE in early childhood education
- BAE in elementary education
- BAE in elementary multilingual education
- BAE in physical education
- BAE in secondary education

Students learn how to work and partner with a range of communities and schools to co-construct and negotiate roles and responsibilities in order to deliver effective special education programming. Coursework is grounded in data; theoretical foundations; federal, state and local policies; and a sense of responsibility to student and community needs.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Mild/Moderate Disabilities, K--12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Program Requirements:
In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.
This certificate requires 18 credit hours. A "C" or better is required in all coursework.

Required Courses -- 18 credit hours
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners (3)
SPE 321: Classroom and SPE Assessment (3)
SPE 323: Effective Practices and Behavior Interventions: Supports for Exceptional Students (3)
SPE 411: Special Education History and Law (3)
SPE 423: Evidence-Based Practices for Students with Exceptional Needs (3)
TEL 331: Foundations of Literacy: The Science of Reading (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate is only open to students majoring in early childhood education, elementary education, elementary multilingual education, secondary education and physical education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a non degree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career Opportunities:

Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Graduates with degrees in special education may also work in roles such as education resource specialists, interventionists or curriculum developers.

Professional Licensure:

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 102
ASUeducation@asu.edu
480-965-9995

Military Studies Certificate (LSMILSCERT)

Campus: Online

Description:

The military studies certificate program is designed in partnership with the U.S. Naval Community College to provide enlisted personnel, veterans and nonmilitary students with an interdisciplinary focus on national security, history and political science. Coursework includes global perspectives on war and conflict, an understanding of contemporary United States foreign policy, and regional focus of the student's choice on history, religion and politics.

The program includes capstone research or an applied project in which students explore the role of the U.S. military in advancing the goals of the nation in the past, present or future.

Program Requirements:

Required Courses -- 12 credit hours
HST 101: Global History Since 1500 (HU & H & G) (3)
IDS 150: Introduction to Military Studies (3)
IDS 350: Military Studies Interdisciplinary Capstone (L) (3)
POS 361: American Foreign Policy (SB & G) (3)

Military Studies Electives (choose two) -- 6 credit hours
HST 303: China,Japan & East Asia in World History (3)
HST 304: Stalin to Putin (3)
HST 372: Modern Middle East (SB & G & H) (3)
JUS 374: The Holocaust, Genocide, and Human Rights (3)
PAF 469: Terrorism Defense (3)
POS 300: Contemporary Global Controversies (SB & G) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)
POS 368: Ethics and Human Rights (3)
POS 465: International Organization and Law (SB & G) (3)
REL 366: Islam in the Modern World (HU & G) (3)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
SGS 303: Global Trends (SB & G) (3)
SGS 350: Economic Development and Globalization (3)
SGS 370: Geopolitics (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. If applicable, list any special enrollment requirements applicable to this certificate in addition to the standard text. Enrollment requirements for all undergraduate certificates include the following text. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an

undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu)

Career Opportunities:
Graduates of this program are prepared to further advance in careers in military service as well as to succeed in further undergraduate study.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu/
USE 138
cisa@asu.edu
480-965-4464

Modern Hebrew Certificate (LAHEBCERT)

Campus: Tempe

Description:
The certificate program in modern Hebrew provides students with a firm foundation in modern Hebrew language and a broad knowledge of Israeli culture, leading to advanced skills in reading, writing and conversing in the language. The program includes the study of literature, politics and history, enriching students' knowledge of the Middle East and offering them deeper understanding of current affairs.

Program Requirements:
The certificate requires 20 credit hours. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. A minimum of 12 credit hours must be completed at the upper-division level and a minimum of 12 credit hours must be earned at ASU or in an ASU-approved study abroad program.

Language -- 14 credit hours
HEB 201: Intermediate Modern Hebrew (G) (4)
HEB 202: Intermediate Modern Hebrew (G) (4)
HEB 313: Advanced Modern Hebrew (G) (3)
HEB 314: Advanced Modern Hebrew (G) (3)

Electives (choose two) -- 6 credit hours
HEB 347 / JST 347 / SLC 347 / ENG 347: Modern Israeli Literature in Translation (HU & G) (3)
HEB 348 / JST 348 / SLC 348: Israeli Society and Culture (HU & G) (3)
HEB 349: Israeli Wars in Israeli Movies (HU & G) (3)
HEB 375: Contemporary Culture of Israel (HU & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
ASU students admitted to a degree program in any field of study are eligible to enroll in the modern Hebrew certificate program. In order to be admitted to the certificate program, students must complete HEB 101 and 102 Elementary Modern Hebrew to satisfy the requirements to enroll in HEB 201 Intermediate Modern Hebrew.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This certificate enhances many degree programs and career paths. Graduates who have combined the certificate in modern Hebrew with their major program of study may become more marketable to employers.

They often decide to pursue employment in political analysis, tourism and hospitality, foreign policy, international business, tourism, media, translation, and in different levels of education or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-modern-hebrew
DH 131
silcadvising@asu.edu
480-965-6281

Music Entrepreneurship Certificate (HIMERTCERT)

Campus: Tempe

Description:
Music entrepreneurship is a discipline that intersects the traditional music disciplines. Music entrepreneurship harnesses the skills and mindset of the entrepreneur to empower musicians to create work that is meaningful, sustainable and oriented to community and market need.

Students in a music degree program and students with a background in music benefit from the business, marketing and organizational skills they develop through the certificate courses as applied specifically to and within the arts.

Program Requirements:
The undergraduate certificate in music entrepreneurship consists of 15 credit hours, of which at least 12 credit hours must be upper division. There are six credit hours of required coursework and the remaining nine credit hours are selected from the electives section. A grade of "C" or better is required in all courses.

Required Courses -- 6 credit hours
MSC 484: Music Entrepreneurship Fieldwork (3)
MUP 438: The Enterprising Musician (3)

Electives -- 9 credit hours
FMP 417: Business and Legal Practices in Entertainment (3)
HDA 420: Design and the Arts Business Administration (3)
MSC 451: Popular Music Industry Studies I (2)
MSC 452: Popular Music Industry Studies II (2)
MUP 319: Advanced Audio Engineering in the Arts (2)
MUP 439: Music Product Creation and Development (3)
MUP 494: Entrepreneurship Capstone (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 410: Social Entrepreneurship (3)
NLM 451: Grant Writing (3)
PAF 410: Building Leadership Skills (SB) (3)
THP 351: Arts Management (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in music entrepreneurship is meant to supplement study for music majors and nonmajors in any discipline with a music background. Students may be admitted to the certificate by submitting a statement of interest outlining their music background and personal goals through the School of Music, Dance and Theatre application. For further application details, students should visit the program website at https://musicdancetheatre.asu.edu/degree-programs/music-entrepreneurship-certificate (https://musicdancetheatre.asu.edu/degree-programs/music-entrepreneurship-certificate).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in music entrepreneurship with their major program of study may become more marketable to

employers. They often decide to pursue employment in such industries as arts entertainment, music business, arts administration or performance. Career examples include arts administrator, business owner, community arts advocate, performing musician and public or community school teacher.

Contact Information:
Design and the Arts, Herberger Institute for
School of Music, Dance and Theatre
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MUSIC E167
mdtadmissions@asu.edu
480-965-5069

Nonprofit Professional Certificate (PPNPYCERT)

Campus: Downtown Phoenix

Description:
This nationally recognized certificate program awards qualified students from diverse academic fields with the national Certified Nonprofit Professional credential. The CNP credential is awarded through the Nonprofit Leadership Alliance (formerly American Humanics, Inc.), a consortium of universities, nonprofits and funders that are committed to preparing students for management careers in the nonprofit sector. More information is available on the NLA website: https://nla1.org/ (https://nla1.org/).

The NLA/ASU program provides curricular and cocurricular programs that prepare students through its competency-based, experiential educational framework, which includes curriculum instruction in management of nonprofit elements (fundraising, volunteers, organizational management) and field experience.

The program is ideal for students wishing to complement their majors with a strong core of nonprofit management knowledge and skills through professional affiliation with and certification by the Nonprofit Leadership Alliance, the nation's leader in education for nonprofit careers. NLA collaborates with a number of national nonprofit organizations as well as locally based grassroots organizations that actively seek NLA and ASU program interns and job candidates.

Program Requirements:
The program includes active participation by nonprofit professionals who offer workshops, seminars, mentoring and field trips. The certified nonprofit professional credential can be earned in conjunction with any bachelor's degree and requires successful participation in co-curricular, experiential activities in addition to required academic coursework. For more information on the credential, please visit https://nla1.org/cnp/ (https://nla1.org/cnp/).

Required Courses -- 19 credit hours
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 300: Fund Raising and Resource Development (3)
NLM 310: Volunteer Management (3)
NLM 320: Professional Development Seminar (4)
Notes: (Taken twice over two semesters)
NLM 420: Nonprofit Leadership Alliance Institute (3)
Notes: Offered fall semester only
NLM 430: Managing Nonprofit Organizations (L) (3)

Standards
1. 19 hours of graded coursework.
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the certificate.
3. minimum GPA of 2.00 for those pursuing the certificate.
4. should be a junior to take 400-level courses.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see

https://catalog.asu.edu/files/disclosures/PPNPYCERT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/PPNPYCERT/Gedt.pdf).

Career Opportunities:
The nonprofit professional credential opens up career opportunities across a range of diverse nonprofit areas, such as arts and culture; environmental, health, and human services; and youth development.

Contact Information:
Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu
UCENT 550
scrdadvising@asu.edu
602-496-0550

Oral History and Storytelling Certificate (ASOHCCERT)
Campus: West

Description:
The certificate program in oral history and storytelling introduces students to the interdisciplinary theories and methods required for collecting, documenting and preserving the stories of people's lives.

Through the program, students gain an understanding of and appreciation for diverse cultures, past and present, and engage in oral history research and interviewing. Students may build on existing projects or develop new community relationships at local, national and international levels.

With the knowledge and skills to abide by the professional standards involved in oral history documentation, research and presentation, students leave the program better prepared for graduate programs or careers that integrate oral history.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:
The certificate in oral history and storytelling consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Six credit hours may be shared between the certificate and courses for a student's major. Students should consult an academic advisor to select appropriate courses. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
HRC 310: Social and Cultural Analysis: Method and Theory (C) (3)
HRC 480: Capstone: Practices and Approaches (L) (3)

Electives -- 9 credit hours
COM 335 / IAP 335: Acting for the Camera (3)
COM 339 / ENG 339 / IAP 339: Creating Dramatic Works: Page to Stage to Screen (3)
COM 342: Oral History and Storytelling (3)
COM 394: Storytelling in the Professions (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 361: Scriptwriting (3)
ENG 394: Cross-Cultural Narratives (3)
ENG 394: Oral History & Storytelling in Humanities & Arts (3)
ENG 476: Folklore & Oral Traditions (3)
ENG 476: Folklore in Everyday Life (3)
ETH 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
HST 419 / LAS 419: 20th Century Chicano/a History (C) (3)
IAP 364: Documentaries (3)
WST 370: Chronicling Women's Lives (HU & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate program in oral history and storytelling is open to all ASU undergraduate majors. This certificate is also available for graduate students and students majoring in professional programs. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate program in oral history and storytelling prepares students for careers such as ethnographers, culture and history directors, videographers, editors, copy writers or journalists.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/oral-history-certificate
FAB N100
harcsadvising@asu.edu
602-543-3000

Peace Corps Prep Certificate (LSPCPRCERT)
Campus: Downtown Phoenix, Polytechnic, Tempe, West

Description:
The Peace Corps prep certificate program is designed to foster intellectual curiosity while building the competitiveness of Peace Corps applicants.

Six sectors --- education, youth development, health, environment, community and economic development, and agriculture --- comprise the program, unified by the mandatory course IDS 355 Peace Corps Seminar. To enhance the three core competencies of sector-specific skills, intercultural competence and leadership, students are encouraged to participate in service learning, internship opportunities and study abroad experiences.

Program Requirements:
The Peace Corps prep certificate requires a minimum of 21 credit hours as outlined below. However, students are able to double count credits from their current major, minor, general studies requirements, or other certificates where applicable. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.
Applicants should contact an academic advisor in the College of Integrative Sciences and Arts, or the Peace Corps liaison at ASU by emailing pcprepcoordinator@asu.edu (mailto:pcprepcoordinator@asu.edu).

Required Courses -- 6 credit hours
IDS 355: Peace Corps Seminar (G) (3)
IDS 401: Integration: Experiential Learning or USL 402: Service Learning: Education & Youth (C) or USL 410: Service Learning: Diverse Community Issues (L & C) or any 484 Internship course (#trackgroup) (3)
Internship hours may be completed locally, out of state or through an international study abroad program. The internship must be completed in the same program sector as the affiliated program sector electives completed for a minimum of 3 credit hours.

Cultural Diversity in the U.S. or Global Awareness Course(s) -- 6 credit hours
 Cultural Diversity in the U.S. (C) or   Global Awareness (G) (6)
Students complete two additional "C" (Cultural Diversity in the U.S.) or "G" (Global Awareness) courses, excluding IDS 355 and the nine credit hours of sector related electives. Sector electives in excess of nine credit hours may count toward this C or G requirement. Classes can be either lower or upper division.

Electives (Choose one of the six sectors below) -- 9 credit hours
Program Sector Electives (9)
Students will select nine upper-division credit hours from one of the six program sectors of agriculture, community and economic development, education, environment, health, or youth development.
Students should see their academic advisor for a complete list of sector specific courses.

Agriculture Sector
Examples of electives include, but are not limited to:
AGB 302: International Management and Agribusiness (G) (3)
AGB 425: Food Supply Networks (3)

AGB 452: Global Food and Agricultural Trade (3)
ASB 300: Food and Culture ((L or SB) & C) (3)

Community and Economic Development Sector
Examples of electives include, but are not limited to:
ABS 364: Urban Forestry (3)
BIO 324: Environmental Ethics (HU) (3)
BIO 434: People and Nature: Ecosystem Services (3)
ECN 360: Economic Development (SB & G) (3)
GCU 364: Energy in the Global Arena (SB & G) (3)
SOS 327: Sustainable Food and Farms (3)

Education Sector
Examples of electives include, but are not limited to:
AFR 350: Inequality and Diversity in Education (L & C) (3)
ECD 321: Foundations in Language, Literacy and Culture in Early Childhood (L) (3)
ECS 315: Classroom Organization and Child Guidance (3)
HCR 402: Advocacy for Health and Health Education (3)
SOC 421: Education and Society (SB) (3)
SPF 301: Culture and Schooling (L) (3)

Environment Sector
Examples of electives include, but are not limited to:
ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) (3)
BIO 320: Fundamentals of Ecology (3)
BIO 322: Conservation of Biodiversity (3)
GPH 314: Global Change (HU & G) (3)
SOS 326: Sustainable Ecosystems (3)

Health Sector
Examples of electives include, but are not limited to:
ASB 301: Global History of Health (SB & G & H) (3)
ASB 305: Poverty and Global Health ((L or SB) & G) (3)
ASM 345: Disease and Human Evolution (3)
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) (3)
HSC 310: Health Communication (3)

Youth Development Sector
Examples of electives include, but are not limited to:
ASB 346: Marriage and Family Diversity (SB & C) (3)
NLM 300: Fund Raising and Resource Development (3)
NLM 310: Volunteer Management (3)
PRM 315: Creating Community Through Park and Recreation Systems (3)
SWU 456: Immigrants and Refugees (C) (3)

An internship in the student's affiliated program sector is required. Students may complete a three credit hour internship (*** 484) or a service learning internship experience (USL 402 or USL 410).   Students should visit the Service Learning Web Page (https://communityengagement.education.asu.edu/programs/university-service-learning) for questions regarding placement and enrollment.
Students may also meet the internship requirement by completing an internship experience through a study abroad program.
Study abroad or international experience is encouraged but not required. Consider IDS 394 "A Taste of Peace Corps in the Dominican Republic" during spring break as a substitute for any required certificate course.
Foreign language study to at least the 200-level is encouraged but not required.
For Peace Corps placements in Spanish or French-speaking countries, foreign language proficiency at the 200-level is often required.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Applicants should contact an advisor in the College of Integrative Sciences and Arts for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance their career options with an undergraduate certificate. Those who have complemented their major program of study with this specialization in Peace Corps prep may be more marketable to employers.

Students who complete this undergraduate certificate along with their major often decide to pursue employment in the foreign services, nongovernmental agencies, relief organizations, community based organizations and government positions. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
USE 138
CISA@asu.edu
480-965-4464

Personal Fitness Training Certificate (NHPFITCERT)

Campus: Downtown Phoenix

Description:
The personal fitness training certificate program provides students with the foundational knowledge and basic competencies necessary to develop evidence-based physical activity programs for the general population to achieve positive health changes.

After completion of the certificate, students have the ability to obtain an entry to intermediate-level personal training fitness certification through any accredited association. This program does not prepare students to work with clients with special needs or existing health conditions.

Program Requirements:
The certificate consists of 18 credit hours, at least 12 of which must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 15 credit hours
EXW 215: Resistance Training and Recovery Techniques (3)
EXW 217: Cardiorespiratory and Flexibility Training (3)
EXW 302: Fundamentals of Wellness (L) (3)
EXW 335: Physical Activity and Physiological Concepts (3)
EXW 425: Exercise Prescription for Health and Wellness (3)

Elective (choose one course) -- 3 credit hours
EXW 344: Impact of Physical Activity on Health and Disease (L) (3)
EXW 400: Stress Management for Wellness (3)
SSP 320: Coaching Leadership, Performance Team and Facility Management (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can improve their career options with an undergraduate certificate.

The certificate program in personal fitness training helps students become more marketable in the general health fields by providing specific content knowledge on exercise techniques, the positive impact physical activity can have on overall health, and reductions in the risk for developing chronic disease.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/personal-fitness-training
HLTHN 401AA
chs@asu.edu
602-496-3300

Philosophy, Politics and Economics Certificate (LAPHPECERT)

Campus: Tempe

Description:
The philosophy, politics and economics certificate program provides students a foundation in each of these three fields as well the opportunity to consider how to integrate the three disciplinary perspectives through both the introductory and capstone courses.

The program offers core concepts, tools and content in the fundamental disciplines of ethics, politics and economics, providing students the means to address social and political challenges.

Program Requirements:
The certificate in philosophy, politics and economics requires 15 credit hours, of which at least 12 must be upper division. All courses for the certificate must be completed with a minimum grade of "C" (2.00 on a 4.00 scale). Students should contact the School of Civic and Economic Thought and Leadership for more information.

Required Courses -- 6 credit hours
CEL 350: Philosophy, Politics and Economics (3)
CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership (3)

Economic Electives (choose one) -- 3 credit hours
CEL 394 / ECN 394: Classical to Modern Economic Thought (3)
ECN 306: Survey of International Economics (SB & G) (3)
ECN 360: Economic Development (SB & G) (3)

Philosophy Electives (choose one) -- 3 credit hours
PHI 306: Applied Ethics (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 325: Philosophy of Social Science (HU or SB) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 337: Ethical Theory (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)

Political Science Electives (choose one) -- 3 credit hours
POS 340: History of Political Philosophy I (HU & H) (3)
POS 341: History of Political Philosophy II (HU & H) (3)
POS 346: Problems of Democracy (HU) (3)
POS 442: American Political Thought (HU) (3)
POS 443: Topics in Contemporary Political Theory (HU) (3)
POS 475: Morality and Politics (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

The certificate emphasizes the transferability of the knowledge and skills gained in philosophy and economics to practical problems of political and societal governance.

The certificate prepares students for a range of important career opportunities and more generally to be leading citizens and contributors across many sectors of life, public or private, political affairs or civil society. Graduates of the program in Europe, America and around the globe have had successful careers in business administration, consulting, finance, government and political affairs, health care, industry, the tech sector, international affairs, international development, investment banking, journalism, law, management, marketing, non-profit organizations, public policy and various nonprofit organizations.

Contact Information:

Liberal Arts and Sciences, The College of
School of Civic & Economic Thought and Leadership
https://scetl.asu.edu/
COOR 6611
scetl@asu.edu
480-965-0155

Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)

Campus: West

Description:

The certificate in philosophy, rhetoric and literature is an interdisciplinary humanities program that integrates continental philosophy, literature, art, communication and social critique.

Students explore existential crises and the production of cultural values. They examine the anxieties and expectations surrounding cultural identity, including the expectation to adhere to sexed, racial, ethnic, social and religious norms. Special attention is given to the roles that art, literature, thought, intercultural interaction and communication play in repairing fractured histories and in the creation of better social worlds.

Program Requirements:

The certificate in philosophy, rhetoric and literature consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. The certificate requires three credit hours in Rhetorical Perspectives, three credit hours in Continental Philosophical Perspectives, three credit hours from Pool A and six credit hours from Pool B. Courses used for Core Requirements cannot be used to fulfill Upper Division Electives. All courses used to satisfy the requirements for the certificate must be passed with a "C" (2.00) or better.

Core I Rhetorical Perspectives   -- 3 credit hours
ENG 400: History of Literary Criticism (L or HU) (3)
ENG 440: Studies in American Literature and Culture (3)
ENG 472: Rhetorical Studies (L) (3)

Core II Continental Philosophical Perspectives -- 3 credit hours
PHI 304: Existentialism (HU) (3)
PHI 411: Continental Philosophy (HU) (3)
PHI 412: Philosophy and Literary Criticism (HU) (3)

Pool A   -- 3 credit hours
COM 363: Latinxs and the Media (C) (3)
COM 464: Communicative Sexualities (SB) (3)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ENG 400: History of Literary Criticism (L or HU) (3)
ENG 401: Topics in Critical Theory (3)
ENG 440: Studies in American Literature and Culture (3)

ENG 454 / WST 454: Gender and Literature (L or HU) (3)
ENG 461: Studies in Women and Literature (3)
ENG 472: Rhetorical Studies (L) (3)
ENG 478: Studies in Modernism (3)
ENG 479: Studies in Postmodernism (HU & G) (3)
ETH 473 / LAS 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
IAP 471: Language, Culture, and Performance (L or HU) (3)
IAP 473: Aesthetic Research (L or HU) (3)
LAS 340 / WST 341: Latin American Women Writers (HU & G) (3)
PHI 412: Philosophy and Literary Criticism (HU) (3)
PHI 421: Special Topics (3)

Pool B   -- 6 credit hours
AIS 320: American Indian Philosophies and World Views (HU & C) (3)
COM 321: Rhetorical Theory and Research ((L or HU) & H) (3)
COM 429: Semiotics and Visual Communication (3)
ENG 401: Topics in Critical Theory (3)
IAS 450 / PHI 450 / REL 450: Philosophical and Spiritual Issues in Death and Dying (3)
PHI 303 / REL 300: The Future of Religions (L or HU) (3)
PHI 304: Existentialism (HU) (3)
PHI 339: Philosophy of Art (HU) (3)
PHI 390 / REL 314: Jewish Philosophy (3)
PHI 411: Continental Philosophy (HU) (3)
PHI 412: Philosophy and Literary Criticism (HU) (3)
PHI 415: Philosophy and Film (HU) (3)
PHI 421: Philosophical Topics (3)
POS 494: Everyday Forms of Political Resistance (3)
REL 345: Asian Religious Traditions (HU & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in philosophy, rhetoric and literature is open to all ASU undergraduate majors. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
This program prepares students for advanced study in the humanities, social and behavioral sciences, and the arts, as well as lifelong learning in a variety of fields.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/philosophy-rhetoric-and-literature-certificate
FAB N100
harcsadvising@asu.edu
602-543-3000

Political Economy Certificate (LAPLECERT)
Campus: Tempe

Description:
The political economy certificate program engages students in studying the intersection of politics and the economy.

The certificate program helps prepare students for careers in a variety of global and domestic environments.

Program Requirements:
The certificate includes courses in political science, economics and other academic areas that relate to politics and the economy. Students majoring in any subject at the university may be awarded the certificate upon completion of the following: a total of 15 credit hours, of which at least 12 credit hours must be upper division. Nine credit hours must be from The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Part One: Economics Foundation (choose one course) -- 3 credit hours
ECN 211: Macroeconomic Principles (SB) (3)
ECN 212: Microeconomic Principles (SB) (3)

Part Two: Politics Foundation (choose one course) -- 3 credit hours
POS 300: Contemporary Global Controversies (SB & G) (3)
POS 310: American National Government (SB) (3)
POS 350: Comparative Politics (SB & G) (3)

Part Three: Political Economics and the World (choose two courses) -- 6 credit hours
ECN 306: Survey of International Economics (SB & G) (3)
ECN 335: South Asia and the World Economy (SB & G) (3)
ECN 360: Economic Development (SB & G) (3)
POS 379: The Resource Curse (3)
POS 465: International Organization and Law (SB & G) (3)
POS 485: Political Economy (SB) (3)
POS 486: International Political Economy (SB & G) (3)

Part Four: Related Elective (choose one course) -- 3 credit hours
GCU 350: The Geography of World Crises (SB & G) (3)
JUS 405: Inequality, Economy and Justice ((L or SB) & G) (3)
PAF 340: Contemporary Policy Challenges (3)
PAF 351: Urban and Metropolitan Studies (3)
PAF 352: Urban Theory (3)
PAF 470: Topics in Public Economics and Financial Management (3)
POS 325: Public Policy Development (SB) (3)
POS 356: European Union (SB & G) (3)
POS 367: World Politics and Global Inequalities (G) (3)
SGS 325 / JUS 325: Globalization and Socio-Economic Justice (SB & G) (3)
SGS 350: Economic Development and Globalization (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in political economy with their major program of study may become more marketable to employers. They often decide to pursue employment in government, public policy, lobbying, nonprofit agencies or international business.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)

Campus: Tempe

Description:
This political entrepreneurship certificate program prepares students for careers in public policy in global and domestic environments whether they be in governance organizations, nongovernmental organizations, nonprofit agencies or private enterprises engaged in policy-making, implementation and critical assessment.

The program requirements include an internship in one of these settings. A variety of internship opportunities exist for students with global, national, state or local interests. Coursework in the social sciences, humanities and business prepares students to be participants in policy processes as an avenue of civic engagement.

Program Requirements:
The certificate requires a total of 15 credit hours, of which at least 12 credit hours must be completed at the upper-division level. Nine credit hours must be from courses offered by The College of Liberal Arts and Sciences.
All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Part One: Introductory Course (choose one course) -- 3 credit hours
POS 110: American Government and Politics (SB) (3)
POS 150: Comparative Government (SB & G) (3)
POS 160: Global Politics (SB & G) (3)
POS 310: American National Government (SB) (3)
SGS 101: Thinking Globally (SB & G) (3)
SGS 301: Principles of Global Studies (G) (3)

Part Two: Policy and Leadership (choose one course) -- 3 credit hours
POS 325: Public Policy Development (SB) (3)
POS 351: Democratization (SB & G) (3)
POS 361: American Foreign Policy (SB & G) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)
POS 410: Governing American Cities (SB) (3)
POS 426: Elements of Public Policy (SB) (3)
POS 427: Social Welfare and Health Policy (3)
POS 468: Comparative Asian Foreign Policies (SB & G) (3)
POS 486: International Political Economy (SB & G) (3)
SGS 320: Mechanisms of Global Governance (3)
SGS 321: International Institutions and Global Governance (3)
SGS 340: Violence, Conflict and Human Rights (3)
SGS 350: Economic Development and Globalization (3)

Part Three: Internship -- 6 credit hours
Students may elect to complete only 3 hours of internship in Part Three. Students selecting this option must complete six upper-division credits in Part Four.
POS 484 / SGS 484: Internship (6)

Part Four: Related Electives (choose one to two courses, depending on how many internship credit hours are earned) -- 3 credit hours
BUA 380: Small Business Leadership (3)
BUA 383: Small Business Working Relationships (3)
COM 222: Argumentation (L) (3)
COM 225: Public Speaking (L) (3)
COM 230: Small Group Communication (SB) (3)
COM 250: Communication and the Workplace (SB) (3)
COM 259: Communication in Business and the Professions (3)
COM 312: Communication, Conflict, and Negotiation (3)
ENG 301: Writing for the Professions (L) (3)
ENT 290: Entrepreneurship: Opportunity to Impact (3)
FIN 380: Personal Financial Management (3)
JUS 320: Community and Social Justice (SB & C) (3)
MGT 380: Management and Strategy for Nonmajors (3)
NLM 160: Voluntary Action and Community Leadership (SB) (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 410: Social Entrepreneurship (3)
PAF 200: Public Service and Policy in the 21st Century (3)
PAF 201: Economics and Public Policy (SB) (3)

PAF 300: Public Management and Administration (3)
PAF 305: Urban Governance (3)
PAF 311: Leadership and Change (SB) (3)
PAF 340: Contemporary Policy Challenges (3)
PAF 405: Citizen Engagement and Community Building (3)
PAF 410: Building Leadership Skills (SB) (3)
PAF 420: Managing Across Boundaries (3)
PAF 460: Public Service Ethics (3)
POS 494: Diplomacy/PolicyDesignStudio I (3)
POS 494: Diplomacy/PolicyDesignStudioll (3)
SGS 204: Professional Global Career Development (3)
SGS 494: Diplomacy/PolicyDesignStudio I (3)
SGS 494: Diplomacy/PolicyDesignStudioll (3)
SOS 111 / PUP 190: Sustainable Cities ((HU or SB) & G) (3)
SOS 321: Policy and Governance in Sustainable Systems (3)
USL 210: Service Learning: Intro to Diverse Community Issues (L & C) (3)
USL 410: Service Learning: Diverse Community Issues (L & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in political entrepreneurship through internships with their major program of study may become more marketable to employers. They often decide to pursue employment in government, lobbying, public affairs consulting or nonprofit organizations.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Politics and Global Studies
https://spgs.asu.edu/
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Political History and Leadership Certificate (LAPTLCERT)
Campus: Tempe

Description:
The certificate program in political history and leadership provides students with a strong foundation in the history of politics and political thought, with a special emphasis on the role of leadership and citizenship. Students come to understand the complexities of real decision-making beyond the abstractions. The program prepares students for leadership in their careers.

Required courses combine academic study and mentoring contact with political, media and business leaders from the wider Phoenix area and Arizona communities, while electives drawn from a variety of disciplines are used to broaden the scope of emphasis. The program offers scholarship and internship or job placement opportunities.

Program Requirements:
The certificate requires 15 credit hours, of which at least 12 must be upper division. At least six upper-division hours must be completed in courses offered by The College of Liberal Arts and Sciences. All courses must be completed in residence at ASU and with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
HST 112 / POS 112: Foundations of Democracy (HU & H) (3)
HST 414 / POS 414: Political History and Leadership (3)

Elective Courses -- 9 credit hours
Choose 9 hours of upper-division electives from the lists below. Certificate electives include all upper-division History (HST) and Political Science (POS) courses, along with select courses from other disciplines.

Upper Division Certificate Elective (9)

History
AFR 330: Survey of African American Politics (SB & H) (https://webapp4.asu.edu/catalog/courselist?s=HST&l=upperdivision&t=2227&hon=F" > HST Upper Division Elective (3)

Political Science
 POS Upper Division Elective (3)

African and African American Studies
(3)

Economics
ECN 312: Intermediate Microeconomic Theory (SB) (3)
ECN 313: Intermediate Macroeconomic Theory (SB) (3)
ECN 315: Money & Banking (3)
ECN 360: Economic Development (SB & G) (3)
ECN 404: History of Economic Thought (SB) (3)

Justice Studies
JUS 308: Courts and Society (3)
JUS 321: Wealth Distribution and Poverty (SB & C) (3)
JUS 330: Survey of African American Politics (SB & H) (3)
JUS 332: Politics of Energy Policy and Justice (3)
JUS 360: Law and Social Control (SB) (3)

Philosophy
PHI 307: Philosophy of Law (HU) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 347: Philosophical Theories of Constitutional Law (3)

Religious Studies
REL 388: Religion, Ethics, and International Politics (3)
REL 420: Religion in American Life and Thought (HU) (3)

Women and Gender Studies
WST 377: History of American Feminist Thought (H & C) (3)
WST 440: Politics of Women's Health (SB & C) (3)

Additional upper-division courses from disciplines such as economics, justice studies, philosophy, public service and public policy, and religious studies may be used with the approval of the certificate co-directors.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
•Articulate and discuss questions raised by major political thinkers writing about democracy.
•Analyze and synthesize primary sources on the role of political leadership in history, identifying common themes that cut across a variety of time

periods, places, and intellectual perspectives.
  •Articulate or demonstrate the practical skills necessary in policy-making and/or administration, either in government or non-profit organizations. Such skills include critical decision-making, negotiation, and principled pragmatism, informed, all the while, by fundamental principles of democracy and republicanism.

Career Opportunities:
Students become more marketable to employers and advance their career options when they have complemented their major program of study with this specialization in political history and leadership.

Students who complete this certificate often pursue employment as military and naval officers, staff for governors, members of congress, city council officials, county prosecutors, financial advisors and campaign strategists. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Power and Society Certificate (ASPWSOCERT)
Campus: West

Description:
The certificate program in power and society prepares students to think critically and practically about the relationship between power and society.

Courses in the program use multiple perspectives to explore the sources, exercise and consequences of power across a variety of social and historical settings. A special focus on gender is available across the spectrum of courses listed.

Program Requirements:
The certificate in power and society requires a minimum of 15 credit hours (at least 12 must be upper division). Six credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of six credit hours may be shared between the certificate and a major. A maximum of three credit hours of individualized instruction or internship may be applied toward the certificate. Only courses in which a student received a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.
Electives are not limited to the certificate elective list; see academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Core Course   -- 3 credit hours
POS 437 / SOC 437: Women, Power, and Politics (G) (3)

Electives (minimum 9 upper-division credit hours) -- 12 credit hours
Students will select 12 credit hours from relevant courses on power and society. Selected courses must come from at least two of the following subject areas to develop breadth across disciplines: ASB, JHR, POS, SBS or SOC.

ASB 211: Women in Other Cultures ((HU or SB) & G) (3)
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
ASB 394 / JHR 394 / POS 394 / SBS 394 / SOC 394: Special Topics (1)
ASB 442 / SBS 460: Global Cities (SB & G) (3)
ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
ASB 484 / JHR 484 / POS 484: Internship or SBS 484: Internship or SOC 484: Internship (3)
ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494: Special Topics (3)
ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499: Individualized Instruction (3)
JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)
POS 150: Comparative Government (SB & G) (3)
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) (3)
POS 350: Comparative Politics (SB & G) (3)
POS 357: South Asia Politics (SB & G) (3)

POS 361: American Foreign Policy (SB & G) (3)
POS 436: Gender, Sexuality, Nation-States (3)
POS 470: Law and the Political Order (SB) (3)
POS 480 / SBS 480: Global Justice (G) (3)
POS 486: International Political Economy (SB & G) (3)
SOC 264: Sociology of Gender (SB & C) (3)
SOC 371: Inequality and Sustainability (3)
SOC 426: Social Inequalities (SB) (3)
SOC 457: Global Social Movements (SB & G) (3)
SOS 111: Sustainable Cities ((HU or SB) & G) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate is open to students in any major. Students should contact an advisor in the New College of Interdisciplinary Arts and Sciences for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The certificate program is recommended for students with academic or career interests in politics, government, economics, organizing and advocacy, public affairs and public policy, journalism, social work, human rights, social justice, education and sustainability. Career paths include social work, public administration, public policy and criminal justice.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/power-and-society
FAB N100
sbsadvising@asu.edu
602-543-3000

Professional Sales Certificate (BAPRSCERT)
Campus: Tempe

Description:
Designed for the nonmarketing business major, the certificate in professional sales was created for business students who are interested in pursuing the many opportunities in professional sales.

With the inclusion of courses in professional sales as well as sales management, this certificate program prepares students to be successful account managers or sales team leaders in both business-to-business and business-to-consumer settings.

An optional internship in sales is strongly encouraged as part of the professional sales certificate.

Program Requirements:
To receive the certificate, students must complete the specified business courses with a grade of "C" or better (2.00 on a 4.00 scale).

First Required Course -- 3 credit hours
MKT 300: Marketing and Business Performance or MKT 303: Honors Marketing Theory and Practice (L) (3)

Required Courses -- 6 credit hours
MKT 370: Professional Sales and Relationship Management (3)
MKT 410: Sales Management (3)

Electives (choose two) -- 6 credit hours
MGT 430: Negotiations (3)
MKT 435: Entrepreneurial Marketing (3)

MKT 438: Advanced Selling Using Data and Technology (3)
MKT 441: Sports Revenue Generation (3)
MKT 484: Internship (3)
Notes: Internship in sales.
MKT 493: Honors Thesis (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate program is open to current students in the W. P. Carey School of Business who are not in the marketing major.

No more than six credit hours may be shared between the certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in professional sales with their major program of study may become more marketable to employers. They often decide to pursue employment in sales, marketing or procurement.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees/professional-sales-certificate
BA 160
wpcareyug@asu.edu
480-965-4227

Public Administration and Public Management Certificate (PPPAFCERT)
Campus: Downtown Phoenix

Description:
The certificate in public administration and public management is designed for students interested in public service as well as for undergraduate students who are interested in developing leadership skills or wish to enhance their degree in an existing major at ASU, for working adults who may wish to further their education yet may not be looking for a degree program, and for students of the BA in interdisciplinary studies who seek to combine certificates with their degree.

Students learn skills that enable them to analyze critical issues, build and bridge communities, deliver and manage public programs, improve the quality of life, lead change in public policy, preserve natural resources, provide public safety, reform welfare, and strengthen democratic governance.

Program Requirements:
The certificate in public administration and public management consists of 15 credit hours of coursework; students take 12 credit hours of core classes and three credit hours of elective courses.

Core Courses -- 12 credit hours
PAF 300: Public Management and Administration (3)
PAF 340: Contemporary Policy Challenges (3)
PAF 420: Managing Across Boundaries (3)
PAF 460: Public Service Ethics (3)

Elective -- 3 credit hours
 PAF Upper Division Elective (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students receiving this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations, and private organizations whose work interfaces with the public sector.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
https://spa.asu.edu/undergradminors
UCENT 400
spa@asu.edu
602-496-0450

Religion, Conflict and Peace Certificate (LARELCERT)

Campus: Tempe

This program's name has changed effective Fall 2022. The previous name was Religion and Conflict.

Description:

A regional component of the religion, conflict and peace certificate program provides students with specific regional knowledge of how religion has been implicated in human conflict. Required coursework in at least two different regions fosters a comparative understanding of the dynamics of religion and conflict in historical and global contexts.

A political component explores how religion influences or is influenced by matters of state, law, government or other dimensions of political life.

A cultural component provides students with an understanding of how religion operates as a powerful force that impacts and intersects with expressions of human identity, thought and culture.

Program Requirements:

The certificate requires a minimum of 18 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least 12 credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Humanities and Social Sciences Requirement
At least six of the 18 credit hours must be fulfilled with courses from the humanities and at least three credit hours from the social sciences.

When choosing courses from the lists below, complete six credit hours from the following subject areas to fulfill the humanities requirement: ARB, CEL, CHI, FMS, GER, HEB, HST, IAS, JST, PAX, PHI, REL, or SLC.

When choosing courses from the lists below, complete three credit hours from the following subject areas to fulfill the social sciences requirement: AFR, ASB, COM, GCU, JUS, NEW, POS, SGS, SOC, or WST.

Regional Component Courses -- 6 credit hours
Select two Regional Component Courses from two different geographic regions. Available regions are Africa, Asia, Europe, Middle East and United States. (6)

Regional Component: Africa
AFR 480 / REL 461 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)
GCU 328: Geography of Middle East and North Africa (SB & G) (3)
HST 302: AFRICA: Islam in African History (3)
HST 307: Studies in African History (H) (3)
POS 359: African Politics and Society (SB & G) (3)
REL 362 / AFR 372 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)

Regional Component: Asia
HST 302: Envisioning Peace (3)
HST 303: Modern China: Violence (3)
HST 384 / SLC 334: Modern China: 1700 to the Present (SB & G & H) (3)
HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)
HST 392: Modern India (3)
HST 451 / CHI 451 / SLC 451: Chinese Cultural History I ((HU or SB) & H) (3)
HST 452 / CHI 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)
HST 459: Gandhi and the Politics of Nonviolence (3)
REL 345: Asian Religious Traditions (HU & G) (3)
REL 347: Religions of India ((L or HU) & G) (3)
REL 348: Religion and Culture in Southeast Asia (3)
REL 352: Modern Buddhism (3)
REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 377: Religion in Russia (HU & H) (3)

Regional Component: Europe
FMS 445 / GER 445 / JST 445 / SLC 445: The Holocaust in German-Mediated Memory (3)
HST 304 / JST 304: Rebirth of European Jewish Life after 1950 (3)
HST 350: Later Middle Ages ((HU or SB) & H) (3)
HST 352: Europe's Reformations ((L or HU or SB) & H) (3)
HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)
HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
HST 369 / JST 369 / REL 312: History and Memory of the Holocaust (3)
HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 377: Religion in Russia (HU & H) (3)
REL 471: Reformation and Modern Christianity (HU & H) (3)

Regional Component: Middle East
ARB 331 / SLC 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 341: Quran Text and Women (HU & H) (3)
GCU 328: Geography of Middle East and North Africa (SB & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)
POS 353: Comparative Politics of the Middle East (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 366 / HST 339: Islam in the Modern World (HU & G) (3)

Regional Component: United States
HST 211 / JST 211 / REL 211: Jews and Judaism in America (SB & H & C) (3)
HST 315: Political History of the U. S. (SB & H) (3)
REL 319: Religion, Violence and America (3)
REL 320: American Religious Traditions (HU & C & H) (3)
REL 321: Religion in America ((L or HU) & C & H) (3)
REL 323: African American Religion (HU & C) (3)
REL 331: Indigenous American Religious History ((L or HU) & C & H) (3)

Cultural Component -- 3 credit hours
ARB 331 / SLC 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 341: Quran Text and Women (HU & H) (3)
ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
HEB 348 / JST 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
HST 302: Envisioning Peace (3)
HST 302 / JST 302: Jews, Christians & Muslims in Early Modern World (3)
HST 302 / JST 302: Jews, Christians & Muslims in the Medieval World (3)
HST 302: Media, Social Justice, and Peace (3)
HST 302: Women, War and Peace (3)
HST 304: History of Antisemitism (3)
HST 304 / JST 304: Rebirth of European Jewish Life after 1950 (3)
HST 352: Europe's Reformations ((L or HU or SB) & H) (3)

HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)

HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)

HST 451 / CHI 451 / SLC 451: Chinese Cultural History I ((HU or SB) & H) (3)

HST 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)

HST 459: Gandhi and the Politics of Nonviolence (3)

IAS 410: Evolution of Ideas (L or HU) (3)

IAS 430: Science and Religion (L or HU) (3)

NEW 100: Introduction to Conflict Resolution (3)

PAX 230: Introduction to Peace Studies (G) (3)

PHI 318: Philosophy of Religion (HU) (3)

PHI 406 / IAS 406: Moral Dilemmas (L or HU) (3)

REL 201: Religion and the Modern World (L or HU) (3)

REL 202: Religion and Popular Culture (HU & C) (3)

REL 300: The Future of Religions (L or HU) (3)

REL 312 / HST 369 / JST 369: History and Memory of the Holocaust (3)

REL 313: Anti-Semitism in the Media (3)

REL 320: American Religious Traditions (HU & C & H) (3)

REL 321: Religion in America ((L or HU) & C & H) (3)

REL 345: Asian Religious Traditions (HU & G) (3)

REL 352: Modern Buddhism (3)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) (3)

REL 363 / AFR 373: Islam and World Affairs (G) (3)

REL 366 / HST 339: Islam in the Modern World (HU & G) (3)

REL 369: Women in Islam (3)

REL 377: Religion in Russia (HU & H) (3)

REL 381: Religion and Moral Issues (L or HU) (3)

REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)

REL 411: Judaism and the Beginnings of Christianity (HU & H) (3)

REL 413: Sacred Crimes: Religion and Violence (G & H) (3)

REL 461 / AFR 480 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)

REL 471: Reformation and Modern Christianity (HU & H) (3)

REL 483: Religion and Science (3)

SOC 420: Sociology of Religion (L or SB) (3)

WST 345: Gender, Religion, and Global Violence (SB & G) (3)

WST 477: Gender and Violence (SB & C) (3)

Political Component -- 3 credit hours

CEL 100: Great Ideas of Politics and Ethics (HU) (3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 377: Communication, Terrorism, and National Security (3)

COM 432: Forgiveness and Reconciliation (3)

HST 304: Topic: Totalitarianism: Hitler & Stalin. (3)

HST 315: Political History of the U. S. (SB & H) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)

HST 372: Modern Middle East (SB & G & H) (3)

HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)

HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)

HST 454: History of Genocide (G & H) (3)

JUS 374: The Holocaust, Genocide, and Human Rights (3)

JUS 467: Terrorism, War, and Justice (SB) (3)

POS 353: Comparative Politics of the Middle East (3)

POS 359: African Politics and Society (SB & G) (3)

POS 364: National Security, Intelligence, and Terrorism (SB) (3)

POS 368: Ethics and Human Rights (3)

POS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)

POS 475: Morality and Politics (3)

POS 480: Global Justice (G) (3)

REL 107 / SGS 107: Religion and Globalization (HU & G) (3)

REL 349 / JST 349 / HPS 349 / SOS 349: Nature, Sustainability and Religion (3)

REL 362 / AFR 372 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)

REL 363 / AFR 373: Islam and World Affairs (G) (3)

REL 364: Islam in Eurasia and Central Asia (3)

REL 378 / POS 378: Religion, War and Peace (L) (3)

REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
REL 387: Religion and Conflict: Theories and Cases ((L or HU) & G) (3)
REL 388 / POS 388: Religion, Ethics, and International Politics (3)
REL 480 / SGS 441: Religion and Global Politics (L & G) (3)
SGS 340: Violence, Conflict and Human Rights (3)
SGS 341: Humanitarian Crisis and International Intervention (3)
SGS 344: Facing the Past: Truth, Memory, Denial After Atrocities (3)
SGS 466: Migration, Environment and Global Security (3)
SOC 241: Modern Social Problems (SB) (3)
WST 345: Gender, Religion, and Global Violence (SB & G) (3)

Electives (two courses) -- 6 credit hours
Certificate Electives (6)
Students select electives from any of the course lists above, keeping in mind that at least 12 credit hours within the certificate must be upper division.

In some cases, the same course can be used to fulfill more than one requirement. For more information, please contact the certificate director in the Center for the Study of Religion and Conflict.
If a course is used to meet more than one component requirement above, additional electives may be required to meet the 18 credit hour minimum.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can become more marketable and advance their career options with an undergraduate certificate. The certificate in religion, conflict and peace complements their major program of study with specialized knowledge and enables them to demonstrate broad intellectual curiosity and skills.

Students who complete this certificate often decide to pursue employment in journalism, law, policy work, diplomacy, the military, public advocacy, publishing, education, ministry and other fields in which an enhanced understanding of religion and conflict is becoming increasingly vital. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://csrc.asu.edu/students/certificate
WHALL 130
csrc@asu.edu
480-727-6339

Risk Communication Certificate (ASRCMCERT)

Campus: West

Description:
The rising importance of the field of risk communication stems from the need to name, understand and manage physical and social risks as society is faced with increasingly challenging decisions concerning stressed social and environmental infrastructures.

Proficiency in risk communication requires understanding the complex interfaces of physical, biological, psychological and social systems. In response, the certificate program in risk communication combines the strengths of the three schools within the New College of Interdisciplinary Arts and Sciences: the School of Social and Behavioral Sciences; the School of Mathematical and Natural Sciences; and the School of Humanities, Arts and Cultural Studies.

The program prepares students for a range of diverse careers in risk management, crisis communications and environmental public affairs. Specifically, students develop expertise suited to work as risk management specialists and environmental advocates, preparing them to translate complex scientific ideas and analyses into information that can be evaluated meaningfully by all members of society.

Program Requirements:
The certificate in risk communication requires 15 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six upper-division credit hours must be completed through courses offered by the New College of Interdisciplinary Arts and Sciences. A minimum of eight credit hours must be unique and not already being counted toward degree requirements in communication or environmental science. Other electives can be chosen in consultation with an academic advisor. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours
BIO 130: Introduction to Environmental Science (SQ) or ENV 201: Fundamentals of Environmental Science (3-4)
Notes: ENV 201 is required for Environmental Science or Biology majors only.
COM 415: Risk Communication (3)

Elective Courses (choose three) -- 9 credit hours
COM 319: Persuasion and Social Influence (SB) (3)
COM 414: Crisis Communication (3)
COM 450: Organizational Communication (SB) (3)
COM 454: Rhetorical and Critical Approaches to Public Relations (3)
COM 463: Intercultural Communication in a Global Context (SB & G) (3)
IAS 340 / PHI 320: Bioethics (HU) (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
LSC 362: The Human Environment (3)
PTX 301: Basics of Pharmacology and Toxicology (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students wishing to pursue this certificate should consult an academic advisor in the School of Mathematical and Natural Sciences or the School of Social and Behavioral Sciences to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates of this program work with local government agencies and law enforcement, public relations organizations, advertising, marketing and insurance.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Social and Behavioral Sciences
https://newcollege.asu.edu/risk-communication
FAB N100
sbsadvising@asu.edu
602-543-3000

Risk Management Certificate (BARMGTCERT)

Campus: Polytechnic

Description:
The certificate program in risk management gives students a solid foundation in the theory and practice of modern risk management.

The concept of enterprise risk management is highlighted at the onset of the curriculum, emphasizing that risks and risk management strategies must be considered holistically at the firm level, not in isolation. Emphasis is placed on identifying, measuring, communicating and managing a variety of risks.

Upon completion of the certificate, students are able to identify and measure a variety of business and financial risks and design and articulate strategies for managing and communicating risks.

Program Requirements:

This certificate requires 18 credit hours. A grade of "C" or better is required for all coursework.

Required Courses -- 9 credit hours
BUS 434: Business Risk Management (3)
BUS 436: Frontiers in Risk Management (3)
FIN 300: Fundamentals of Finance or FIN 302: Managerial Finance or FIN 303: Honors Finance (3)

Elective Courses (select three) -- 9 credit hours
AGB 435: Commodity Futures and Options Markets (3)
BUS 384: Business Operations and Planning or SCM 432: Planning and Control Systems for Supply Chain Management (3)
COM 414: Crisis Communication (3)
FIN 421: Security Analysis and Portfolio Management (3)
FIN 427: Derivative Financial Securities (3)
IEE 454: Risk Management (3)
PMG 421: Project Risk Management (3)
SCM 314: Analytics for Logistics or SCM 315: Business Decision Models (3)
TGM 460: Global Risk Assessment and Management (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in risk management is open to all students.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can advance their career options with an undergraduate certificate. The certificate in risk management allows students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete this undergraduate certificate often decide to pursue employment in compliance and management. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness
https://wpcarey.asu.edu/undergraduate-degrees/programs
SANTN 230F
wpcarey.morrison@asu.edu
480-727-1586

Russian and East European Studies Certificate (LAREECERT)

Campus: Tempe

Description:

The certificate in Russian and East European Studies encourages students to develop competency in Russian or another East European or Eurasian language as well as the culture and politics of the region.

Coursework leading to the certificate is offered by outstanding faculty in diverse fields of study including architecture, economics, film studies, geography, history, international business, literature, music, political science and religious studies.

A one credit capstone course, to be completed in the student's junior or senior year, is student-led; with the support of an advisor, students can write a research paper on the Russian and East European studies topic of their choice, prepare a writing sample or a graduate school application, or work on a creative project.

A student with a major in any school or department may pursue this certificate and develop a personalized plan of study in cooperation with an

advisor at the Melikian Center.

Program Requirements:
The certificate in Russian and East European studies requires a minimum of 20 credit hours, of which at least four must be a language course and at least 12 must be upper division. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses used toward the certificate.

Language Requirement -- 4 credit hours
Students may complete one 4-credit hour language course from BCS, PLC, ROM, or RUS, or they may complete the Albanian, Armenian, BCS, Kazakh, Macedonian, Polish, Russian, Turkish, Ukrainian, and Uzbek courses offered by the Critical Languages Institute (https://melikian.asu.edu/cli) to fulfill the language requirement.
NOTE: Native speakers of a language must complete four credit hours in a different language to fulfill this requirement.

BCS 101: Elementary Serbo-Croatian (G) (4)
BCS 102: Elementary Serbo-Croatian (G) (4)
BCS 201: Intermediate Serbo-Croatian (4)
BCS 202: Intermediate Serbo-Croatian (4)
BCS 311: Bosnian/Croatian/Serbian Composition and Conversation I (3)
BCS 312: Bosnian/Croatian/Serbian Composition and Conversation II (3)
PLC 101: Elementary Polish (4)
PLC 102: Elementary Polish (4)
PLC 201: Intermediate Polish (4)
PLC 202: Intermediate Polish (4)
PLC 311: Advanced Polish I (3)
PLC 312: Advanced Polish II (3)
ROM 101: Elementary Romanian Language and Culture I (4)
ROM 102: Elementary Romanian Language and Culture II (4)
ROM 201: Intermediate Romanian Language and Culture I (4)
ROM 202: Intermediate Romanian Language and Culture II (4)
ROM 313: Romanian Composition and Conversation (3)
ROM 314: Romanian Composition and Conversation (3)
ROM 411: Advanced Spoken and Written Romanian I (3)
ROM 412: Advanced Spoken and Written Romanian II (3)
RUS 101: Elementary Russian I (5)
RUS 102: Elementary Russian II (5)
RUS 201: Intermediate Russian I (G) (5)
RUS 202: Intermediate Russian II (G) (5)
RUS 211: Conversational Russian I (G) (3)
RUS 212: Conversational Russian II (G) (3)
RUS 311: Russian Society I (G) (3)
RUS 312: Russian Society II (G) (3)

Required Certificate Electives (choose two) -- 6 credit hours
ENG 429 / SLC 429: What is Europe? (3)
GCU 426: Geography of Russia and Surroundings (SB & G) (3)
HST 304: Russia: Empire of the Tsars, 1650-1917 (3)
HST 304: Russia & Ukraine: Understanding the Crisis (3)
HST 304: Stalin to Putin (3)
HST 304: Stalinism: Society & Culture in Sov Un, 1924-1953 (3)
HST 370: Eastern Europe in Transition (SB & G & H) (3)
HST 435: The Russian Empire (SB & H) (3)
HST 436: Rise & Fall of Soviet Communism (SB & G & H) (3)
POS 352: European Democracies (3)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)
RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
SGS 344: Facing the Past: Truth, Memory, Denial After Atrocities (3)

Other HST 304 topics appropriate to the certificate's regional focus may be used with the approval of the certificate advisor.
Courses shown above not used to satisfy a Required Certificate Elective may be used as an Area-Related Elective.

Area-Related Electives -- 9 credit hours
APH 300: World Architecture I/Western Cultures (HU & H & G) (2)
APH 313: History of Architecture I ((L or HU) & G & H) (3)

APH 314: History of Architecture II ((L or HU) & G & H) (3)

ENG 333: American Jewish Literature during the Cold War (3)

ENG 435: Literatures and Cultures of Immigration and Diaspora (3)

GCU 325: Geography of Europe (SB & G) (3)

HST 294 / HON 294: Russian Pop Culture: Protest and Propaganda (3)

HON 394: Amazons to Fighter Pilots:HistoryofWarSex&Gender (3)

HON 394: Archaeology of the Silk Roads (3)

HON 394: Dictatorship & the Twentieth Century (3)

HON 394: Love,Hospitality,Belonging:LivesBetweenEurope&Asia (3)

HON 394: Mummies and Marauders, Merchants and Monks (3)

HON 394: Points of Entry:Space&Place in Eurasian Borderland (3)

HST 302: WWII in Comparative Perspective (3)

HST 304: A Survey of Soviet History (3)

HST 304: Black Death:Pandemic Disease in the Medieval World (3)

HST 304 / JST 304: Exiles, Migrants, Refugees in Jewish History (3)

HST 304: Fascism: Italy, Germany, and Beyond (3)

HST 304: Nazi Germany (3)

HST 304: Topic: Totalitarianism: Hitler & Stalin. (3)

HST 350: Later Middle Ages ((HU or SB) & H) (3)

HST 354: Revolutionary Europe (SB & H) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 356: Europe since 1945 (SB & G & H) (3)

HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)

HST 369: History and Memory of the Holocaust (3)

HST 429: Modern Germany (SB & G & H) (3)

HST 430: The Ottoman Empire in the Classical Period (3)

HST 454 / REL 454 / FOR 454: History of Genocide (G & H) (3)

HST 495: Russian Revolution (L) (3)

HST 495: World War II in Poland (L) (3)

IDS 313: Identity and Conflict in Europe (3)

MHL 445: Music of the Silk Road (3)

POS 305: Conflict and Film (SB) (3)

POS 352: European Democracies (3)

POS 394: Gender and Armed Conflict (3)

POS 394: History & Politics of the United Nations: Model I (3)

POS 486: International Political Economy (SB & G) (3)

POS 494 / SGS 494: Democratic Erosion (3)

POS 598: Politics of Authoritarian Rule (3)

REL 301: Comparative Mysticism (HU) (3)

REL 365: Islamic Civilization (HU & H) (3)

REL 366: Islam in the Modern World (HU & G) (3)

REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)

ROM 343: Culture and Society Transformation (SB & G) (3)

RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) (3)

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)

RUS 421: Pushkin (L or HU) (3)

RUS 423: Dostoevsky and Tolstoy (L or HU) (3)

RUS 425: Chekhov and Russian Drama (L or HU) (3)

RUS 430: Russian Short Story (L or HU) (3)

RUS 439 / SLC 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)

RUS 440: Russian Mass Media (G) (3)

SGS 341: Humanitarian Crisis and International Intervention (3)

SGS 344: Facing the Past: Truth, Memory, Denial After Atrocities (3)

SGS 370: Geopolitics (3)

SLC 212: Language and Culture Clash ((HU or SB) & G) (3)

SLC 304 / SLV 304: Digital Humanities for Language Majors (CS) (3)

SLC 429: Politics & Culture in European Short Fiction (3)

SLC 442 / ROM 442: Dracula and Vampire Lore ((L or HU) & G & H) (3)

SLV 440: History of Slavic Languages (SB) (3)

Students complete the minimum 12 credit upper-division requirement with at least 6 credit hours of electives selected from the above list. Arranged honors theses and upper-division colloquia with Melikian Center faculty affiliates may also be used toward this requirement. An additional required or area-related elective OR an additional language course must be used toward the fulfillment of the 20 credit-hour requirement.

Capstone Project -- 1 credit hours
LIA 494: REES Certificate Capstone (1)
In their junior or senior year, students will complete the 1-credit REES Certificate Capstone. This can be in the form of a reading course offered by the Melikian Center OR a project chosen in cooperation with a Melikian Center faculty affiliate. The project should represent an extended, research-based focus on some dimension of the region's languages, cultures, religions, histories, and/or politics. It may take the form of an extended research paper, honors thesis, translation project, research assistantship, or internship.

Other courses may be used with the approval of the certificate advisor.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Analyze or examine a current or historical issue in Russia, Eastern Europe, or Eurasia, utilize and evaluate sources of information on the issue, and construct an argument or produce a creative project about the issue.
  •Demonstrate a high degree of competency, defined as the ability to use language in real world situations in a manner deemed appropriate by native speakers and/or instructors of the language, in a REES Language.

Global Opportunities:
Global Experience:
The Critical Languages Institute at Arizona State University's Melikian Center is a national training institute for less-commonly taught languages, offering summer intensive courses and study abroad programs around the world. Languages taught include Albanian, Armenian, Bosnian/Serbian/Croatian, Hebrew, Indonesian, Kazakh, Macedonian, Persian/Farsi, Polish, Russian, Tatar, Turkish, Ukrainian and Uzbek.

The Critical Languages Institute instruction in Arizona and abroad is practically focused and proficiency-based. Students not only study a language but learn to live that language. Specially designed summer intensives on the ASU campus prepare students, even beginners, to function competently in the language they are learning when they go abroad. Once overseas, students live the language as they participate in family life, join sports and gaming clubs, sing in choirs, join theater groups, appear on television, give presentations and make speeches, participate in neighborhood projects and otherwise actively immerse themselves in the culture.

Students may learn more on the Melikian Center website at https://melikian.asu.edu/cli (https://melikian.asu.edu/cli).

Career Opportunities:
Students who complete the Russian and East European studies certificate enhance their prospects for highly selective study abroad fellowships, including Fulbright, Boren, and CLS, and for admission to graduate study. Certificate holders may also qualify for unique entry-level government employment opportunities at agencies such as the State Department and the NSA.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://melikian.asu.edu/
CPCOM 331
melikiancenter@asu.edu
480-965-4188

Sales and Marketing Essentials Certificate (BASMECERT)
Campus: Tempe

Description:
Designed for undergraduate nonbusiness majors, the certificate program in sales and marketing essentials offers a set of courses that cover indispensable marketing knowledge in a wide variety of marketing application domains.

Students are required to enroll in two fundamental courses in marketing and also choose three additional courses from a larger set (services

marketing, business marketing, global marketing, sports business and advertising) to tailor the certificate to their particular interests.

While some courses are offered in a face-to-face setting, the entire certificate is offered via iCourse for flexibility and convenience.

Program Requirements:
The certificate in sales and marketing essentials requires 15 credit hours. The entire certificate may be completed online.
To receive the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.

Required Courses -- 6 credit hours
MKT 390: Essentials of Marketing (3)
MKT 391: Essentials of Selling (3)

Elective Courses (choose three) -- 9 credit hours
MKT 392: Essentials of Business Marketing (3)
MKT 395: Essentials of Advertising and Marketing Communication (3)
MKT 396: Essentials of Services Marketing (3)
MKT 397: Essentials of Global Marketing (3)
MKT 398: Essentials of Sports Business (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
This certificate program is for nonbusiness majors only.

No more than six credit hours may be shared between the certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who have combined the certificate in sales and marketing essentials with their major program of study may become more marketable to employers, and they often decide to pursue employment in sales or marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees/sales-marketing-certificate
BA 160
wpcareyug@asu.edu
480-965-4227

School Nutrition Certificate (ECNTRCERC)
Campus: Downtown Phoenix

Description:
The certificate in school nutrition is for current degree-seeking students and post-baccalaureate students who are interested in qualifying to sit for the school nutrition specialist credential offered by the School Nutrition Association. This certificate program provides a higher level of information on the requirements to run a school food service operation and offers students insight into the rules and regulations of the National School Lunch Program. More information for this credential is available on the School Nutrition Association website at https://schoolnutrition.org/certificate-and-credentialing/certificate-program/how-to-earn-your-certificate/ (https://schoolnutrition.org/certificate-and-credentialing/certificate-program/how-to-earn-your-certificate/).

Individuals must complete 900 working hours in a school nutrition or food service environment before they are eligible to sit for the national exam. There is also a cost associated with taking the exam, and more information can also be found on the SNA website at https://schoolnutrition.org/certificate-and-credentialing/credentialing-program/sns-benefits-reqs-fees/ (https://schoolnutrition.org/certificate-and-credentialing/credentialing-program/sns-benefits-reqs-fees/).

Program Requirements:
The certificate requires a total of 30-32 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 30 credit hours
ACC 382: Accounting and Financial Analysis (3)
HEP 100: Introduction to Health and Wellness (SB) or EXW 302: Fundamentals of Wellness (L) or EXW 325: Fitness for Life (3)
HSC 355: Eating for Lifelong Health (SB) or NTR 450: Nutrition in the Life Cycle (SB) (3)
NTR 142: Applied Food Principles (3)
NTR 343: Food Service Purchasing (3)
NTR 344: Nutrition Management and Leadership (L) (3)
NTR 345: Development of Healthy Cuisines or NTR 341: Medical Nutrition Therapy I (3)
NTR 400: Preprofessional Preparation in Dietetics or NTR 401: Preprofessional Preparation in Nutrition (1-3)
NTR 445: Management of Food Service Systems (4)
NTR 448: Community Nutrition (L) (3)
NTR 498: Child Nutrition Seminar (1)
Notes: Only offered in the spring semester.
Required credit hours vary from 30-32 depending on whether students take NTR 400 for 1 credit hour, or NTR 401 for 3 credits hours. NTR 400 should be taken by Dietetics (DPD) students only.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance their career options with an undergraduate certificate.

The certificate in school nutrition can help students gain entry-level school food service positions such as food service manager, child nutrition coordinator, food service worker, school food menu planner or child nutrition manager.

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/school-nutrition
HLTHN 401AA
chs@asu.edu
602-496-3300

Secondary Education Certificate (TESEDCERT)
Campus: Polytechnic, Tempe, West, ASU@Lake Havasu, ASU@The Gila Valley, ASU Sync

Description:
The secondary education certificate program prepares students who wish to teach students enrolled in grades 6-12. While students develop a strong content background, the secondary education certificate program focuses on developing the requisite teaching knowledge and abilities for successfully teaching middle or high school students. In order to integrate teacher preparation with the academic specialization, Mary Lou Fulton Teachers College collaborates and communicates with academic departments throughout the university. Professional experiences and residency are required components of this certificate.

Students who complete this certificate program are issued an institutional recommendation for certification in Arizona. Students desiring to teach in a public school must also pass the Professional Knowledge Arizona Educator exam (either the National Evaluation Series or the Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

The secondary education undergraduate certificate is also available for students who have earned a bachelor's degree; this is considered a nondegree graduate pathway.

Format option: This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. Students can learn more about ASU Sync for undergraduates at Mary Lou Fulton Teachers College on the college's website at https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide (https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide).

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at https://www.benefits.va.gov/gibill.

Program Requirements:
The certificate requires completion of 32 credit hours.

Required Courses -- 16 credit hours
SPE 222: Orientation to Education of Exceptional Children (SB & C) (3)
TEL 310: Instructional Thought and Action: Instructional Design and Planning (3)
TEL 317: Instructional Thought and Action: Learning Environment and Management (3)
TEL 318: Instructional Thought and Action: Assessment for Learning (3)
TEL 332: Disciplinary Literacy Methods (3)
TEL 471: Professional Educator Series: The Principled Educator (1)

Methods Course (choose one) -- 3 credit hours
Please consult with MLFTC academic advisor to select appropriate subject methods course.
BIO 480: Methods of Teaching Biology (3)
CHM 480: Methods of Teaching Chemistry (3)
ENG 480: Methods of Teaching English: Composition (L) (3)
ENG 482: Methods of Teaching English: Language (L) (3)
HST 480: Methods of Teaching History: Classroom Resources (3)
MTE 482: Methods of Teaching Mathematics in Secondary School (3)
MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics (3)
PHY 480: Methods of Teaching Physics (3)
SED 403: Secondary Principles, Curriculum and Methods (3)
SED 480: Special Methods of Teaching Social Studies (3)
SED 482: Science Teaching Methods for Secondary Schools (3)
SES 480: Teaching Earth and Space Sciences (3)

Required Clinical Experiences -- 13 credit hours
TEL 477: Internship: Advanced (2)
TEL 488: Student Teaching (11)

Recommended Course (Not Required) -- 3 credit hours
BLE 220: Foundations of Structured English Immersion (L) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students interested in pursuing the secondary education certificate should be enrolled as a degree-seeking undergraduate student. This program is also available to students in the Phoenix area or Gila Valley area (Morenci) who have already completed a bachelor's degree and want to be certified to teach. Students interested in this option apply to ASU as a nondegree-seeking graduate student.

Students interested in this program should have content knowledge in one of the following areas, demonstrated by having a minimum of 24 credit hours in coursework for the major or a passing score on appropriate teacher certification exam: biology, business, chemistry, Chinese (Mandarin), earth and space science, economics, English, French, general science, geography, German, history, mathematics, physics, political science or Spanish.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.50 is required for progression into the final semester of student teaching. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The secondary education certificate prepares students for the high-demand, secure field of education.

Graduates who have combined the certificate in secondary education with their major program of study may become more marketable to employers. They often decide to pursue employment as a middle-school teacher, a high school teacher or an educator at a community-serving organization.

Contact Information:
Teachers College, Mary Lou Fulton
Division of Teacher Preparation
https://education.asu.edu/
ED 120
educationadvising@asu.edu
480-965-5555

Security Studies Certificate (PPSCSCERT)
Campus: Downtown Phoenix

Description:
The security studies certificate program provides students with the skills and credentials necessary for expanding their employment opportunities in corporate and public security.

Through the 24 credit hour curriculum, students receive extended education in transdisciplinary topics such as accounting, computer studies, information systems, and crime analysis; part of the curriculum consists of advanced crime and law courses.

Upon completion of this certificate, students are well equipped to have fluid conversations with professionals from different backgrounds about security, whether corporate or private.

Program Requirements:
Required Core Courses -- 12 credit hours
ACC 382: Accounting and Financial Analysis (3)
CIS 105: Computer Applications and Information Technology (CS) (3)
CRJ 201: Criminal Justice Crime Control Policies and Practices (3)
CRJ 419: Domestic Terrorism (3)

Select two courses from the following
-- 6 credit hours
CRJ 410: Criminal Procedure I: The Law of Investigations (3)
CRJ 412: International Terrorism (3)
CRJ 450: Crime Analysis (3)
CRJ 463: White Collar Crime (3)
CRJ 464: Organized Crime (3)

Select one course from the following -- 3 credit hours
CIS 235: Introduction to Information Systems (3)
CPI 101: Introduction to Informatics (CS) (3)
CSE 100: Principles of Programming with C++ (CS) (3)
CSE 110: Principles of Programming (CS) (3)
CSE 180: Computer Literacy (CS) (3)

Select one course from the following -- 3 credit hours
CRJ 484: Internship (3)
LAW 480: Business Law (3)
LES 305: Business Law and Ethics for Managers (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for all coursework.
Bachelor of Science in criminology and criminal justice majors who are also pursuing the security studies certificate may not use CRJ 410, CRJ

412, CRJ 450, CRJ 463, CRJ 464, and CRJ 494 towards both their degree and certificate.

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates of the security studies certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in corporate and public security as well as in criminal justice agencies at federal, state and local levels.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Criminology and Criminal Justice

https://ccj.asu.edu

UCENT 600

SCCJAdvising@asu.edu

602-496-2356

Small Business and Entrepreneurship Certificate (BASMBCERT)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:

In the certificate program for small business and entrepreneurship, students learn how to launch their own business or work with small or startup operations. Course topics include small business, entrepreneurship and business plan development. Classroom work is complemented by frequent interaction with successful founders and leaders of entrepreneurial ventures.

Program Requirements:

Enrollment Requirements:

The certificate in small business and entrepreneurship is available only to business majors at ASU. Students majoring in business entrepreneurship or management with an entrepreneurship focus are not eligible to pursue this certificate.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can advance their career options with an undergraduate certificate. The certificate in small business and entrepreneurship allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete this undergraduate certificate often decide to pursue employment in management or sales. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

https://wpcarey.asu.edu/undergraduate-degrees/small-business-entrepreneurship-certificate

BA 160

wpcareyug@asu.edu
480-965-4227

Social Science Research Methods Certificate (LASSRMCERT)

Campus: Tempe

Description:

The certificate program in social science research methods prepares students to acquire, manage and analyze a broad range of data on human thought and human behavior. Data can be qualitative (e.g., text, images, sound) or quantitative (e.g., direct observation, surveys, GIS).

Data acquisition skills may include the downloading and managing of information from online sources or the primary collection of data in surveys or by direct observation. A key feature of this program is a focus on data analysis so students are able to analyze any data they collect.

All students in this program demonstrate skills in statistical analysis plus skills in a selection of methods related to their interests.

Program Requirements:

The certificate requires 18 credit hours, 12 of which must be upper division. A minimum of a "C" grade (2.00 on a 4.00 scale) in each course is required.

Required Course -- 3 credit hours

GIS 469 / SOC 469: Multivariate Statistics for Social Sciences or STP 452: Multivariate Statistics (3)

Electives -- 12 credit hours

Choose at least four courses for a minimum of 12 credit hours. At least six credit hours must be upper division.

ACO 100: All About Data: Design, Query, and Visualization (CS) (3)
ACT 435: Statistics for Risk Modeling (3)
ACT 450: Actuarial Models and Modeling I (3)
ALA 235: Introduction to Computer Modeling (CS) (3)
AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences (3)
AML 441: Mathematical Concepts and Tools in Sustainability (3)
ASM 494: Models in Social Evolution (3)
BME 301: Numerical Methods in Biomedical Engineering (2)
BMI 211: Modeling Biomedical Decisions (3)
BMI 311: Modeling Biomedical Knowledge (3)
BMI 312: Modeling Biomedical Data (3)
BMI 461: Advanced Topics in Biomedical Informatics I (3)
BMI 462: Advanced Topics In Biomedical Informatics II (3)
COM 308: Advanced Research Methods in Communication (L) (3)
COM 407: Advanced Critical Methods in Communication (3)
CRJ 303: Statistical Analysis (CS) (3)
ECN 410: Applied Regression Analysis and Forecasting (3)
ECN 416: Game Theory and Economic Behavior (3)
EDP 454: Statistical Data Analysis in Education (CS) (3)
FAS 361 / SOC 391: Applied Research Methods (L or SB) (3)
FAS 498: Advanced Statistics for Social Sciences (3)
GCU 351: Population Geography (SB & G) (3)
GCU 373: Introduction to Geographic Information Science (SG) (4)
GCU 442: Geographical Analysis of Transportation (SB) (3)
GCU 496: Geographic Research Methods (L) (3)
GIS 311: Geographic Information Science III (CS) (4)
GIS 322: Programming Principles in GIS II (3)
GIS 341: Cartography and Georepresentation (CS) (3)
GIS 431: Spatial Databases (3)
GIS 441: Geographics: Interactive and Animated Cartography and Geovisualization (CS) (3)
GIS 461 / PUP 481: Fundamentals of Spatial Optimization (3)
GIS 462: Location Analysis and Modeling (3)
GIS 470: Advanced Statistics for Geography and Planning (CS) (3)
GIS 471: Spatial Statistics for Geography and Planning (3)
GIS 472: Spatial Regression Analysis (3)
GPH 494: Advanced Digital Analysis (3)
HSE 290: Experimental Methods for Human Systems Research (L) (3)
HSE 390: Qualitative Research Methods (L) (3)

IFT 200: Information Modeling, Storage and Retrieval (3)
IFT 410: Big Data Tools and Practices (3)
MKT 352: Marketing Research (L) (3)
POS 301 / SGS 305: Empirical Political Inquiry (SB) (3)
POS 401 / SGS 401: Political Statistics (CS) (3)
PUP 424: Planning Methods (4)
PSY 330: Statistical Methods (CS) (3)
SBS 302: Qualitative Methods (3)
SBS 404: Social Statistics II: Multivariate Analysis (CS) (3)
SOC 389 / SBS 389 / ASB 389: Ethnographic Field Lab (1-6)
SOS 211: Calculus and Probability for the Life and Social Sciences (MA) (3)
STP 280: Probability and Statistics for Researchers (CS) (3)
STP 310: Design and Analysis of Experiments (3)
STP 311: Regression and Time Series Analyses (3)
STP 315: Statistical Computing (3)
STP 420: Introductory Applied Statistics (CS) (3)
STP 421: Probability (3)
STP 425: Stochastic Processes (3)
STP 429: Applied Regression (CS) (3)
STP 450: Nonparametric Statistics (3)
STP 460: Categorical Data Analysis (3)
TWC 301: Fundamentals of Writing for Digital Media (L) (3)
TWC 411: Principles of Visual Communication (L) (3)

Required Capstone Course -- 3 credit hours
ASB 499: Individualized Instruction or an equivalent capstone course approved by academic advisor (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
The demand in the job market is for people with a skill set that enables them to solve complex problems. There is a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data to address these challenges.

Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- directing nonprofit organizations
- directing programs in the private or public sector

Contact Information:
Liberal Arts and Sciences, The College of
School of Human Evolution & Social Change
https://shesc.asu.edu/
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Social Transformation Certificate (LASOTCERT)
Campus: Tempe

Description:
Students enrolled in the certificate program examine how varied communities have faced and solved the needs of social change. They consider

how to apply what they have learned in identifying just solutions to the social problems currently facing society. The areas of focus include a variety of themes such as:

- civil rights movements
- democracy movements
- gender equality
- gender justice
- immigration
- labor movements

Program Requirements:
The certificate requires a minimum of 15 credit hours, of which at least 12 credit hours must be completed at the upper-division level. A minimum of 12 credit hours must be completed at ASU. Courses for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
APA 220 / JUS 220 / SST 220: Introduction to Social Transformation (3)
SST 484: Internship or SST 499: Individualized Instruction (3)

Electives (choose three) -- 9 credit hours
AFR 325 / JUS 326: Music as Political Discourse: Reggae, Calypso, and Hip Hop (HU & H & G) (3)
AFR 365 / WST 364: Unruly Voices: Black Women and Cultural Narratives (HU & C) (3)
AFR 420: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)
AFR 470: Women's International Human Rights (3)
APA 350: Inequality and Diversity in Education (L & C) (3)
COM 312: Communication, Conflict, and Negotiation (3)
COM 341: Social Contexts for Performance (3)
ENG 333: American Ethnic Literature (3)
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
ENG 371: Rhetoric of the Environmental Movement (3)
HST 306: Studies in United States History (3)
HST 354: Revolutionary Europe (SB & H) (3)
JUS 320: Community and Social Justice (SB & C) (3)
JUS 321: Wealth Distribution and Poverty (SB & C) (3)
JUS 350: Immigration and Justice (SB & C) (3)
JUS 375: Justice and the Mass Media (SB) (3)
JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)
JUS 444: Environment and Justice (L & C) (3)
JUS 460: Feminism and Justice (C) (3)
JUS 497: Digital Activism (3)
NLM 410: Social Entrepreneurship (3)
PAF 305: Urban Governance (3)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
SOC 352: Social Change (SB & G & H) (3)
TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) (3)
TCL 341: Latinas/os and the City (C) (3)
THP 482: Theatre for Social Change (C) (3)
WST 375: Women and Social Change (SB & C) (3)
WST 377: History of American Feminist Thought (H & C) (3)
WST 378: Global Feminist Theory (L & G) (3)
WST 380: Race, Gender, and Class (SB & C) (3)

Courses in addition to those in the list above may be used with the approval of an academic advisor in the School of Social Transformation. Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
   •Employ and critically assess core theory, concepts, and methods for the study of social change issues and examining solutions to social problems.
   •Apply the foundations and principles of social change to the specific domestic or international issues through community engagement and research.

Career Opportunities:
Graduates who have combined the certificate in social transformation with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Socio-Legal Studies Certificate (LASLSTCERT)
Campus: Tempe

Description:
The distinction between law on the books and law in action, which refers to how people experience law in their everyday lives, is a cornerstone of the certificate program.

The undergraduate certificate program in socio-legal studies offers a model for educating and training students in the study of legal ideas, institutions and practices from the perspectives of the social sciences, law and the humanities.

Program Requirements:
Students must complete 15 credit hours with at least 12 credit hours completed at the upper-division level. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.

Core Theory and Foundation Courses (choose two) -- 6 credit hours
JUS 303: Justice Theory (L) (3)
JUS 308: Courts and Society (3)
JUS 360 / CRJ 350: Law and Social Control (SB) (3)
JUS 410: Punishment: Logic and Approach (3)
JUS 463: Discretionary Justice (SB) or CRJ 470: Discretionary Justice (L or SB) (3)
JUS 465: Death Penalty in the United States (L) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 408: Feminist Ethics (HU) (3)
POS 315: The Supreme Court (SB) (3)
POS 465: International Organization and Law (SB & G) (3)
POS 471: Constitutional Law I (SB) (3)
POS 472: Constitutional Law II (SB) (3)

Interdisciplinary Elective Component (choose three) -- 9 credit hours
Interdisciplinary electives must be taken from at least two different academic disciplines. Any course listed below may count towards this requirement. Other courses can be approved by the certificate program director.

AFR 215: Bob Marley and Reggae: Lyrics of Resistance (HU & G) (3)
AFR 301 / JUS 300: Race and Racism in Africa/African Diaspora (SB & G) (3)
AFR 304 / JUS 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H) (3)
AFR 420 / JUS 421: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)
AFR 428 / JUS 428 / APA 428 / SST 428: Critical Race Theory (3)
CRJ 305: Gender, Crime, and Criminal Justice (C) (3)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) (3)
JUS 329: Domestic Violence (SB) (3)

JUS 350: Immigration and Justice (SB & C) (3)

JUS 374: The Holocaust, Genocide, and Human Rights (3)

JUS 422 / WST 422: Women, Law, and Social Control (3)

JUS 425: Race, Gender, and Justice ((L or SB) & C) (3)

JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)

JUS 432: Racial Justice (L) (3)

JUS 467: Terrorism, War, and Justice (SB) (3)

JUS 469: Political Deviance and the Law ((L or SB) & C) (3)

JUS 470: Alternative Dispute Resolution (L & C) (3)

JUS 484: Internship (3)

JUS 498: Pro-Seminar (3)

POS 370: Law and Society (SB) (3)

POS 470: Law and the Political Order (SB) (3)

PSY 468: Psychology and Law (3)

SOC 340: Social Deviance (SB) (3)

SOC 445: Globalization, Development, and Resistance (SB & G) (3)

TCL 335 / HST 323 / AFR 335: Historical Studies in Race, Crime, and the Law (3)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Students who have attained sophomore standing (30 credit hours) in any undergraduate degree program at ASU are eligible for admission to the certificate program for socio-legal studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
  •Critically assess core socio-legal theory, concepts and methods.
  •Demonstrate the ability to apply the fundamental principles of socio-legal studies to specific domestic or international issues through direct community engagement or research.

Career Opportunities:
Graduates who have combined the certificate in socio-legal studies with their major program of study may be more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
School of Social Transformation
https://sst.asu.edu
NVS1 310AA
SSTadvising@asu.edu
480-965-7682

Spanish for the Professions Certificate (LSSPPRFCER)

Campus: Downtown Phoenix

Description:
This 18 credit hour certificate program helps students hone Spanish communication skills and gain the cultural knowledge that can help them serve the needs of the growing U.S. Latino community.

The combination of professionally focused courses and practical experience in this program enhances students' professional preparation for employment in positions that require advanced proficiency in Spanish and an in-depth understanding of U.S. Latino culture.

Program Requirements:
The Spanish for the professions certificate requires a total of 18 credit hours.
Prerequisite: SPA 314 or SPA 316 or permission of instructor.
A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses. Pass/Fail courses cannot be used.

Required Courses -- 12 credit hours
SPA 317: Spanish for the Professions (G) (3)
SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C) (3)
SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) (3)
SPA 484: Internship (3)
Notes: Before enrolling in SPA 484, students should complete a minimum of 12 credit hours in the certificate program and seek instructor approval by emailing CISA@asu.edu (mailto:CISA@asu.edu).

Electives (choose two) -- 6 credit hours
COM 362: Urban Communication: Reinventing the Latinx City (3)
COM 363: Latinxs and the Media (C) (3)
SPA 318: Advanced Spanish for Health Care Professionals (3)
SPA 401: Spanish Oral Communication for the Professions (3)
Notes: Recommended for journalism majors.
SPA 402: Written Communication for the Professions (C) (3)
Notes: Recommended for journalism majors.
SPA 403: Spanish Grammar and Stylistics for the Professions (3)
Notes: Recommended for journalism majors.
SPA 406: Introduction to Spanish/English Medical Interpretation (3)
SPA 494: Introduction to Spanish Translation for the Profes (3)
Notes: Recommended for journalism majors.
SPA 494: Latino/Lat. Amer. Film: Ethical Discus. for Profes (3)
SPA 494: Markets Migrants and Work Case Studies for Profess (3)
 SPA Upper Division Elective (3)

For additional upper-division electives, students should consult their academic advisor.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The prerequisites for this certificate are SPA 314 Spanish Conversation and Composition or SPA 316 Advanced Spanish II for Bilinguals or by permission of the instructor.

For additional information and to add the certificate, students should visit the college's website.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance their career options with an undergraduate certificate. The certificate in Spanish for the professions helps students become more marketable to employers by adding this specialization to complement their major program of study.

Graduates can serve in professional settings such as health and legal services, journalism, business, social work, and criminology, among others fields.

Students who complete this undergraduate certificate often decide to pursue employment in:

  • business
  • community interpretation
  • education
  • engineering and urban planning
  • government
  • health care services
  • legal and justice systems
  • social work

• tourism

Students can find a comprehensive list of career opportunities at https://cisa.asu.edu/spanish-and-spanish-professions (https://cisa.asu.edu/spanish-and-spanish-professions).

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
AZCNTR 380
CISA@asu.edu
602-496-0271

Special Events Management Certificate (HSRTMUERT)

Campus: Downtown Phoenix

Description:
The special events management certificate is a career enhancement program offered to students currently pursuing a bachelor's degree in any major at ASU or nondegree-seeking students who already have a degree from an accredited university in any major.

The certificate requires 18 credit hours: 15 credit hours of required core courses and three credit hours of electives. Courses taken as part of certain university majors may count as credits toward both that degree and the certificate. This program is designed to give students hands-on event planning experience, behind-the-scenes understanding of how modern-day events are managed, and confidence in planning various components of events, including food and beverage, operations, safety and security, production, technology, protocol, revenue generation and more.

Program Requirements:
The certificate requires 18 credit hours: 15 credit hours of required core courses and three credit hours of electives. Courses taken as part of a university major may count toward that degree and the certificate. To earn the certificate, students must complete all coursework in the certificate with a minimum grade of "C" (2.00 on a 4.00 scale) or better. An application to the program is required.

Required Core Courses -- 15 credit hours
PRM 145: Special Events Management (3)
Notes: Must take this course first, as prerequisite for the following required courses.
PRM 350: Tourism, Recreation and Sports Marketing (3)
PRM 422: Special Event Technology and Production (3)
Notes: Offered spring semester only
PRM 423: Special Event Operations (3)
Notes: Offered fall semester only
PRM 427: Where's the Money: Special Event Revenue Generation or TDM 482: Sustainable Revenue Management (3)
Notes: PRM 427 offered fall semester only.
TDM 482 offered spring semester only.

Elective Course (select one) -- 3 credit hours
CRD 301: Sustainable Communities (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 310: Volunteer Management (3)
PRM 470: Environmental Communication (3)
Notes: Offered spring semester only
PRM 475: Entrepreneurial Recreation and Tourism (3)
PRM 487: Advanced Special Events Management (3)
Notes: Offered spring semester only
TDM 205: Introduction to Travel and Tourism (G) (3)
TDM 345: Meeting and Convention Planning (3)
TDM 448: Heritage and Cultural Tourism (3)

Standards
1. 18 hours of graded classroom coursework (no internship, no independent study)
2. minimum of a "C" (2.00 on a 4.00 scale) grade required for all courses in the certificate
3. minimum GPA of 2.00 for those pursuing the certificate
4. should be a junior to take 400-level courses

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

This certificate offers entry to numerous career opportunities, such as organizing and managing festivals and sporting events and working for a destination marketing organization such as a convention and visitors bureau as a sales coordinator. Students can work as wedding planners and coordinators, meeting planners, corporate event managers, exhibition coordinators, or as an event-sales coordinator and event sales manager at a hotel or a resort.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
https://scrd.asu.edu/content/degree-programs
UCENT 500
scrdadvising@asu.edu
602-496-0550

Speech-Language Pathology Assistant Certificate (LASLPACERT)

Campus: Tempe

Description:

The speech-language pathology assistant program prepares students to work with people with communication disorders under the direction of a speech-language pathologist.

Students majoring or minoring in speech and hearing science, students with a bachelor's degree in speech and hearing, or students in the post-baccalaureate speech and hearing science certificate program can complete additional coursework and clinical training to enable them to practice as speech-language pathology assistants.

Program Requirements:

The certificate program includes 15 credit hours of coursework and a clinical internship completed in conjunction with the bachelor's degree in speech and hearing science.

Twelve of the 15 credit hours for the certificate must be completed at ASU. A minimum grade of "B-" (2.70 on a 4.00 scale) is required for each course.

Required Courses -- 15 credit hours
SHS 402: Clinical Methods and Treatment of Communication Disorders (3)
SHS 470: Developmental Speech and Language Disorders or SHS 485: Acquired Speech and Language Disorders or SHS 565: Speech and Language Acquisition (3)
SHS 473: Implementation of Treatment Plans for Individuals with Communication Disorders (3)
SHS 483: Professional Issues and Ethical Considerations for the SLPA (3)
SHS 484: SLPA Certificate (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who have completed at least nine credit hours in speech and hearing science coursework with a minimum GPA of 2.75 (scale is 4.00 = "A") in those courses are eligible to apply. Applications are accepted from students who have completed a bachelor's degree in speech and hearing science or communication disorders from a program accredited by the American Speech-Language-Hearing Association, providing their GPA in the major was at least 2.75.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a non-degree seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
- •Implement treatment strategies appropriate to client age and disorder in speech/language therapy sessions.
- •Apply professional and ethical principles in the practice of speech language pathology for treatment of individuals with communication disorders.
- •Understand clinical activities by observing and interviewing speech-language pathologists or audiologists.

Career Opportunities:
Graduates with this certificate are prepared to work under the direction and supervision of a speech-language pathologist in schools, clinics and rehabilitation agencies that provide speech and language services.

Coursework and clinical training completed as part of the program also enhances preparation for graduate programs in speech and communication disorders.

Professional Licensure:
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage: https://admission.asu.edu/academics/licensure (https://admission.asu.edu/academics/licensure).

Contact Information:
Health Solutions, College of
College of Health Solutions
https://chs.asu.edu/programs/speech-language-pathology-assistant
HLTHN 401AA
chs@asu.edu
602-496-3300

Sports Business Certificate (BASPBCERT)
Campus: Tempe

Description:
The certificate in sports business has an innovative curriculum designed for students seeking a BS in the W. P. Carey School of Business who are interested in deepening their knowledge in the sports business domain. Particular attention is given to providing a foundation in marketing and sales as it is applied to the sports business discipline. The certificate program prepares students for success by complementing coursework from a degree program with specialized business knowledge in the sports business area of interest.

Program Requirements:
The sports business certificate requires 15 credit hours to complete. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.
A "C" (2.00 on a 4.00 scale) or better is required in all coursework.

Required Course -- 3 credit hours
MKT 311: Sports Business (3)

Choose at least two of the following courses -- 6 credit hours
MKT 441: Sports Revenue Generation (3)
MKT 451: Sports Business Analytics (3)
MKT 484: Internship or MKT 493: Honors Thesis (L) (3)

Choose no more than two of the following courses -- 6 credit hours
MKT 370: Professional Sales and Relationship Management (3)
MKT 410: Sales Management (3)
MKT 431: Sports Events and Facility Management (3)
MKT 435: Entrepreneurial Marketing (3)
MKT 442: Services Marketing Strategy (3)
MKT 484: Internship or MKT 493: Honors Thesis (L) (3)
MKT 494: Special Topics (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
Prerequisites: This program is available to W. P. Carey Bachelor of Science degree program students with a 2.50 cumulative ASU GPA and 56 earned credit hours. Students must have completed MKT 300, MKT 302 or MKT 303 with a grade of "C" (2.00 on a 4.00 scale) or better.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students who combine the certificate in sports business with their major program of study may become more marketable to employers.

Students who complete this undergraduate certificate often decide to pursue employment in marketing, sales or management. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Business, W. P. Carey School of
Department of Marketing
https://wpcarey.asu.edu/undergraduate-degrees/programs
BAC 460
wpcareymkt@asu.edu
480-965-3621

Sports, Cultures and Ethics Certificate (LASPCECERT)

Campus: Tempe

Description:
The certificate program in sports, cultures and ethics is a cross-disciplinary inquiry into the social, ethical and cultural influence of sports in society.

Courses explore the significance of sports in modern history, including relationships between sports and identity, community, politics, media, business and education. Students analyze the ethical and philosophical issues of participating in and watching sports. Students also explore how playing fields become places of connection and conflict, expanding opportunities or reinforcing inequalities based on race, gender, sexuality, religion and socioeconomic class.

Students completing the certificate have knowledge and understanding of the multifaceted nature of sports and its wide-ranging impact on cultures and lives.

Program Requirements:
The certificate in sports, cultures and ethics requires a minimum of 18 credit hours, of which at least 12 must be upper division. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. All courses for the certificate must be passed with a minimum grade of "C" (2.00 on a 4.00 scale).

Required Courses -- 6 credit hours
AFR 375: Race, Gender and Sport (SB & C) or HST 377: Sports in United States History ((HU or SB) & H) (3)
PHI 370: Sports Ethics (HU) (3)

Electives (choose four) -- 12 credit hours
At least six credit hours must be upper division. AFR 375 or HST 377 may be used as an elective if not used as a required sports culture course.

AFR 375: Race, Gender and Sport (SB & C) (3)
ASB 252: Sports and Culture (SB & G) (3)
COM 394 / SBS 394 / SOC 394: Soccer: The Global Game (3)
COM 477: Sport, Culture, and Discourses (3)
CSM 335 / PRM 335: Sports and Recreation for Youth Development (3)
FMS 377: Baseball, Film, and American Dreams (3)
HST 214 / SLC 214: The World's Game: History and Culture of Soccer (G) (3)

HST 302: History of the Olympic Movement (3)
HST 306: History of Baseball (3)
HST 377: Sports in United States History ((HU or SB) & H) (3)
HST 379: History of College Sports (3)
HST 494 / MCO 494 / TGM 494: Sport and Globalization (3)
NEW 300: International Cities Barcelona (3)
PHI 371: Philosophy of Sport (3)
REL 383 / ASB 383: Religion and Sports (HU) (3)

Additional courses related to sports, cultures and ethics that are not on the elective list may be used with the approval of the certificate directors. Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students who combine the certificate in sports, cultures and ethics with their major program of study may become more marketable to employers.

Many often decide to pursue employment in sports business, sports journalism, sports law, education, coaching, and the sports sciences. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.asu.edu/
COOR 3307
SHPRSAdvising@asu.edu
480-965-8364

Sustainable Food Systems Certificate (SUFSUCERT)
Campus: Tempe

Description:
Food systems are particularly important for human societies to sustain; however, these systems are particularly vulnerable to multiple threats. Many students from a wide variety of disciplines are interested in food systems, especially as food and sustainability become increasingly relevant issues to employers in fields across the public and private sectors.

This certificate program in sustainable food systems allows students to take advantage of the diversity of courses offered that address challenges to food system sustainability. It encourages students to cover a breadth of topics and perspectives related to food system issues while providing the opportunity to focus on particular skills and approaches suitable for their career paths, which can range from agriculture to marketing and retail to policy or ethics. This program offers an innovative and exciting approach to the challenges of food system sustainability.

Due to the transdisciplinary nature of the certificate program, many courses may be found across all four ASU campuses, allowing students to choose both the focus area and location of study that best fit their needs.

The knowledge, competencies and skills students have upon completion of this certificate include the ability to identify food system drivers, activities, actors and outcomes at different spatial scales and the capacity to assess the primary social, economic and environmental drivers and outcomes associated with food system sustainability challenges.

Students also acquire the ability to apply one or more of the following analytical skills or approaches to the development of food system sustainability solutions: cultural and social analysis, alternative agricultural design and practice, analysis of biophysical processes and environmental services, urban planning and policy, marketing and entrepreneurial development, sustainability assessment, and consumer preference and behavior.

Program Requirements:
The certificate in sustainable food systems consists of 15 credit hours, at least 12 of which must be upper division.
All courses must be completed with a minimum grade of C (2.0 on a 4.0 scale), however, an overall average GPA of 2.5 or higher is required for

courses completed for the certificate.

Required Course -- 3 credit hours
SOS 117: Food System Sustainability (3)

Elective Courses -- 12 credit hours
Students must choose four electives. A minimum of two courses must be selected from tier 1 core electives and no more than two courses from the same subject across both tiers 1 and 2 should be selected.

Tier 1 - Core Electives (choose at least two)
AGB 302: International Management and Agribusiness (G) (3)
AGB 414: Food and Agribusiness Policy Issues (L) (3)
AGB 456: Food Product Innovation and Development (3)
ASB 300: Food and Culture ((L or SB) & C) (3)
ASB 463: Political Ecology of the Border (SB & G) (3)
BIO 429: Human Impacts on Ecosystem Functioning (3)
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
GPH 314: Global Change (HU & G) (3)
ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)
PLB 302: Plants and Civilization (L) (3)
PUP 498: Urban Food Systems (3)
SOS 327: Sustainable Food and Farms (3)

Tier 2 - Electives
ABS 368: Plant Propagation (3)
ABS 464: Desert Horticulture (3)
AGB 302: International Management and Agribusiness (G) (3)
AGB 321: Agribusiness Marketing (3)
AGB 414: Food and Agribusiness Policy Issues (L) (3)
AGB 420: Food Advertising and Promotion (3)
AGB 452: Global Food and Agricultural Trade (3)
AGB 456: Food Product Innovation and Development (3)
AIS 494: American Indian Food Justice and Sovereignty (3)
ASB 300: Food and Culture ((L or SB) & C) (3)
ASB 305: Poverty and Global Health ((L or SB) & G) (3)
ASB 463 / TCL 443: Political Ecology of the Border (SB & G) (3)
ASB 464 / TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) (3)
BIO 311: Biology and Society (3)
BIO 324: Environmental Ethics (HU) (3)
BIO 418: Soil Ecology (3)
BIO 434: People and Nature: Ecosystem Services (3)
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
GPH 314: Global Change (HU & G) (3)
ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)
NTR 448: Community Nutrition (L) (3)
PLB 302: Plants and Civilization (L) (3)
PUP 498: Urban Food Systems (3)
SOS 309 / HST 308 / PHI 322: History and Philosophy of Sustainability (3)
SOS 322: International Development and Sustainability (3)
SOS 327: Sustainable Food and Farms (3)
SOS 370 / ASB 370: Ethics of Eating (L or SB) (3)
SOS 374 / GLG 327: Earth's Critical Zone (3)
SOS 429 / BIO 429: Human Impacts on Ecosystem Functioning (3)
SOS 456: Human Rights and Sustainability ((L or SB) & G) (3)
SOS 498: Sustainable Neighborhoods for Happiness (L) (3)
TCL 394: Health Policy in a Transborder Context (3)

Electives are not limited to courses from this list only. Other courses on food systems may be offered (special topics, etc.). Students may request to have those approved as an elective for this certificate by submitting a School of Sustainability petition: https://students.asu.edu/College_Standards_Petitions (https://students.asu.edu/College_Standards_Petitions)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Advising is not required, but students who wish to speak with an advisor can make an appointment through the College of Global Futures advising website: https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Graduates of this program can pair the certificate with a variety of bachelor's degrees to enhance career opportunities related to food. Sustainable food systems knowledge complements any career path whether it's in business, technology, science, education or government. Incorporating sustainable food systems into existing or future education endeavors helps to bring forth positive change in a variety of sectors including agriculture, consumer goods, public health and education.

A sustainable food systems certificate helps graduates stand out in a sea of job applicants, and the skill sets are applicable to any career.

Contact Information:

Global Futures, College of
School of Sustainability
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
WGHL 108
cgfadvising@asu.edu
480-727-6963

Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)

Campus: Tempe

Description:

The certificate program in symbolic, cognitive and linguistic systems takes a transdisciplinary approach to the symbolic representation and processing of information in human cognition; natural languages; and formal mathematical, logical and computing systems.

Coursework covers three areas: human cognition and theories of mind, philosophy of language and linguistics, and computing and logic.

Program Requirements:

The certificate requires 18 credit hours, of which at least 12 must be upper division. At least six upper-division credit hours must be taken through The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.

Required Course (choose one) -- 3 credit hours
CSE 110: Principles of Programming (CS) (3)
CSE 205: Object-Oriented Programming and Data Structures (CS) (3)
CSE 240: Introduction to Programming Languages (3)

Upper Division Philosophy Course (choose one) -- 3 credit hours
PHI 313: Probability, Evidence, and Decision (3)
PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)
PHI 330: Theory of Knowledge (HU) (3)
PHI 331: Philosophy of Language (HU) (3)
PHI 333: Symbolic Logic (3)
PHI 334: Philosophy of Mind (HU) (3)
PHI 401: Rationalism (3)
PHI 402: Empiricism (HU) (3)
PHI 413: Advanced Symbolic Logic (3)

Electives -- 12 credit hours
Elective (3)
Upper Division Electives (9)

Students must complete at least one course each from the cognitive, linguistic and symbolic systems course lists below to earn the certificate. The required CSE course above also satisfies the requirement for a symbolic systems course, but students must cover the other two categories within the electives and upper division PHI course requirement. Once all three categories are satisfied, students may choose any courses from the cognitive, linguistic and symbolic systems lists for the remaining electives.

Cognitive Systems
PHI 313: Probability, Evidence, and Decision (3)
PHI 330: Theory of Knowledge (HU) (3)
PHI 334: Philosophy of Mind (HU) (3)
PHI 401: Rationalism (3)
PHI 402: Empiricism (HU) (3)
PSY 323: Sensation and Perception (3)
PSY 324: Memory and Cognition (3)
PSY 434: Cognitive Psychology (L) (3)
PSY 437: Human Factors (L) (3)

Linguistic Systems
ENG 213: Introduction to the Study of Language (3)
ENG 312: English in its Social Setting (L or HU or SB) (3)
ENG 313: Phonology and Morphology (3)
ENG 314: Modern Grammar (3)
ENG 413: History of English Language (HU) (3)
PHI 331: Philosophy of Language (HU) (3)

Symbolic Systems
CSE 110: Principles of Programming (CS) (3)
CSE 205: Object-Oriented Programming and Data Structures (CS) (3)
CSE 240: Introduction to Programming Languages (3)
CSE 471: Introduction to Artificial Intelligence (3)
MAT 243: Discrete Mathematical Structures (3)
MAT 300: Mathematical Structures (L) (3)
MAT 420: Scientific Computing (3)
PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)
PHI 333: Symbolic Logic (3)
PHI 413: Advanced Symbolic Logic (3)

With the approval of the director of undergraduate studies, students may substitute one course not on the approved course lists. Please obtain approval prior to enrolling in any course not on the approved list.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:
Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:
 •Evaluate arguments for formal validity and construct formal proofs. Students will be able to capture the logical form of English sentences.
 •Explain and apply key philosophical concepts or theories in the study of human cognition, including techniques and challenges for modeling human cognition using formal or programming languages.

Career Opportunities:
Students become more marketable to employers and advance their career options when they have complemented their major with this specialization in symbolic, cognitive and linguistic systems that develops their analytical and reasoning skills, particularly reasoning with computer programming languages and other symbolic systems.

Students who complete this undergraduate certificate often decide to pursue employment in business, engineering, information systems or psychology. Advanced degrees or certifications may be required for academic or clinical positions.

Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)

Campus: Tempe

Description:

The undergraduate certificate program in teaching English to speakers of other languages consists of a coherent set of courses that provides students with the skills necessary to teach English as a foreign language.

This certificate does not certify students to teach in Arizona public schools (K-12).

Program Requirements:

The certificate program in teaching English as a second language requires a minimum of 18 credit hours, of which 12 must be completed at the upper-division level. At least six credit hours must be completed from courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Core -- 6 credit hours
ENG 213: Introduction to the Study of Language (3)
ENG 484: TESOL Internship (3)

Theory/Methods -- 6 credit hours
ENG 404: Studies in Second Language Acquisition (6)
Notes: ENG 404 is repeatable for credit and must be completed twice.

Linguistics Electives -- 6 credit hours
Choose one course from each group below.

Group 1:
ENG 403: Semantics (3)
ENG 404: Studies in Second Language Acquisition (3)
ENG 414: Studies in Linguistics (3)

Group 2:
ENG 214: English Grammar and Usage (3)
ENG 312: English in its Social Setting (L or HU or SB) (3)
ENG 313: Phonology and Morphology (3)
ENG 314: Modern Grammar (3)
ENG 413: History of English Language (HU) (3)

Course substitutions may be used with approval of an academic advisor in the Department of English before enrollment.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Recall and explain structural and functional features of human language.
- Recall and explain theories, research, and key concepts in first/second language use and learning.
- Recall and explain key concepts, theories, and methods in second language (L2) teaching and will be able to develop teaching/learning materials.
- Apply theories and key concepts in (a) language studies, (b) L2 use and learning, and (c) L2 teaching to real-world contexts (e.g., language teaching, materials development, or related professional practices).

Career Opportunities:
The TESOL certificate is useful for students interested in careers in this increasingly important field. It also serves as excellent preparation for students wishing to pursue graduate studies in the Master of Teaching English to Speakers of Other Languages program at ASU or in a similar program at another institution.

Students who combine this TESOL certificate with their major program of study may become more marketable to employers.

Students who complete this undergraduate certificate often decide to pursue employment in teaching abroad. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

Technical Communication Certificate (LSTECCERT)

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:
Through the technical communication program, students learn how to produce, design and manage information using traditional and developing technologies.

Program Requirements:

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see https://catalog.asu.edu/files/disclosures/LSTECCERT/Gedt.pdf (https://catalog.asu.edu/files/disclosures/LSTECCERT/Gedt.pdf).

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Transformation and Change Certificate (ASTNCHCERT)

Campus: West

Description:
The certificate program in transformation and change provides students with a broad but integrated intellectual experience that gives tangible meaning to the concept of transformation.

Coursework is focused on a thematic approach, and students work through the lenses of several disciplinary and interdisciplinary orientations to understand the dynamics of transformation. This gives an elevated measure of depth and breadth to their overall educational experience.

Program Requirements:

The certificate in transformation and change requires 18 credit hours (at least 12 must be upper division). A minimum of six credit hours must be taken through courses offered by the New College of Interdisciplinary Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Frameworks (choose one) -- 3 credit hours
BIO 100: The Living World (SQ) (4)
BIO 113: Dinosaurs (SG) (4)
DST 101: Introduction to Disability Studies (C) (3)
PHI 103: Principles of Sound Reasoning (L or HU) (3)
PSY 101: Introduction to Psychology (SB) (3)

Focus Area Electives
Complete one course from each of the focus areas (Inquiry, Collaboration, Innovation, Engagement). The course selected to complete the framework requirement does not also apply to the Focus Area Electives.

Inquiry (choose one course) -- 3 credit hours
BIO 113: Dinosaurs (SG) (4)
BIO 181: General Biology I (SQ) (4)
COM 225: Public Speaking (L) (3)
CRJ 100: Introduction to Criminal Justice (SB) (3)
ENG 413: History of English Language (HU) (3)
HST 439: Athenian Democracy (H) (3)
PHI 439: Philosophy of Love and Sex (HU) (3)
POS 160: Global Politics (SB & G) (3)
POS 314: The American Presidency (SB) (3)
PSY 101: Introduction to Psychology (SB) (3)
WST 333: Critical Perspectives on Sexuality (SB & C) (3)

Collaboration (choose one course) -- 3 credit hours
AMS 276 / WST 276: U.S. Women's Movements (H & C) (3)
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
COM 230: Small Group Communication (SB) (3)
COM 263: Elements of Intercultural Communication (SB & C & G) (3)
IAP 222: Games and Ethics (HU) (3)
IAP 301: Energetic Systems of Art: Collaboration in the Arts (HU) (3)
IAP 394: Print and the Protest (3)
JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)
PAF 311: Leadership and Change (SB) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)
TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts (3)

Innovation (choose one course) -- 3 credit hours
AMS 412: Studies in American Politics & Law (H) (3)
BIO 100: The Living World (SQ) (4)
COM 463: Intercultural Communication in a Global Context (SB & G) (3)
DST 101: Introduction to Disability Studies (C) (3)
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) (3)
ENG 342: 20th-Century British and Irish Literature (HU) (3)
ENG 365: History of Film (HU) (3)
FOR 105: Physical Evidence and the Crime Scene (SQ) (4)
HCI 311: Health Innovation: Foundational Concepts (3)
LAS 340 / WST 341: Latin American Women Writers (HU & G) (3)
LAS 449 / FOR 449 / SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) (3)
PHI 103: Principles of Sound Reasoning (L or HU) (3)
SWU 250: Stress Management Tools I (SB) (3)
TEL 111: Exploration of Education (SB) (3)

Engagement (choose one course) -- 3 credit hours

AMS 428 / ETH 428 / LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)
ENG 431: Whitman and Dickinson (L or HU) (3)
HCR 230: Culture and Health (C & G) (3)
HSC 210: Cultural Aspects of Health (C) (3)
HST 350: Later Middle Ages ((HU or SB) & H) (3)
HST 375 / LAS 375: Colonial Latin America (SB & H) (3)
POS 313: The Congress (SB) (3)
POS 336: Voters in America (SB) (3)
POS 361: American Foreign Policy (SB & G) (3)
POS 437 / SOC 437: Women, Power, and Politics (G) (3)
POS 470: Law and the Political Order (SB) (3)
TDM 205: Introduction to Travel and Tourism (G) (3)
TEL 208: Literacy in a Changing World (HU) (3)
ENG 454 / WST 454: Gender and Literature (L or HU) (3)

Signature Experience (choose one course) -- 3 credit hours
AMS 334: Class in America (SB) (3)
AMS 353 / ENG 353 / ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ENG 333: American Ethnic Literature (3)
ENG 379: Travel Writing (L) (3)
ENG 425: Studies in Romanticism (HU) (3)
HCR 210: Ethics for the Health Care Professional (HU) (3)
HST 441 / JHR 441 / LAS 441: Latin America and the World Economy (L & G & H) (3)
IAS 406 / PHI 406 / FOR 406: Moral Dilemmas (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
IAS 410: Evolution of Ideas (L or HU) (3)
MAT 411: History and Philosophy of Mathematics (HU & H) (3)
SOC 352: Social Change (SB & G & H) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students can advance or broaden their career options with a certificate in transformation and change. They leave the program possessing attributes employers seek: creativity, versatility and a well-rounded knowledge base, plus robust critical thinking skills, strong oral and written communication skills, and the ability to devise creative approaches to problem-solving. All are considered major assets in the modern workplace. With this academic and intellectual foundation and their transferrable skills, they have the tools that will enable them to pursue graduate education or advance in a wide array of careers in fields like education, human services, government, marketing, consulting, social work and publishing.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
Dean, New Interdisciplinary Arts and Sciences
https://newcollege.asu.edu/transformation-change-certificate
FAB N100
HArCSadvising@asu.edu
602-543-3000

Translation Certificate (LASPACERT)
Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:
The translation certificate program focuses on Spanish and English.

The curriculum provides competence in translation, awareness of the different approaches, an introduction into the main professional areas, and an

overview of the requirements for further certification in the desired area or areas of translation expertise: legal, medical, business and technical.

Program Requirements:

Enrollment Requirements:
Since entry into the field of professional translation is gained through work, cultural experience and examination, the entrance requirements to this certificate program include a written proficiency examination in both the source and receptor languages at the level of completion of an advanced composition course in Spanish (SPA 412) and English (ENG 301).

Extensive work experience using Spanish and English or demonstrated bilingual writing competence in English and Spanish is also required.

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate prior to the addition of the certificate to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Students who combine the certificate in translation with their major program of study may become more marketable to employers.

Students who complete this undergraduate certificate along with their major often decide to pursue employment in education, the legal field, medical field, tourism and hospitality or marketing.

Contact Information:
Liberal Arts and Sciences, The College of
School of International Letters and Cultures
https://silc.asu.edu/degree/certificate/certificate-translation-engspn-cert
DH 131
silcadvising@asu.edu
480-965-6281

Veterans, Society and Service Certificate (LAVSSCERT)
Campus: Tempe, Online

Description:
This certificate program in veterans, society and service explores the history, representations, experiences and culture of military service and veterans.

Students study the veteran community from an interdisciplinary approach that combines history, politics, business, journalism, psychology, law, sociology and the arts through the intersectional lenses of gender, race, ethnicity and national identity. This program trains students to listen to, learn from, serve, research and advocate for veterans and their families.

Future professionals and current employees at government agencies, health provider organizations, nonprofit organizations and media industries can benefit from this multifaceted certificate program.

Program Requirements:
The certificate requires a minimum of 18 credit hours, of which at least 12 must be completed at the upper-division level and 12 must be completed at ASU. All courses must be completed with a grade of C (2.00 on a 4.00 scale) or higher.

Required Courses -- 9 credit hours
VTS 301: Experience of America's Modern Wars (H) (3)
VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C) (3)
VTS 402: Undergraduate Research or COM 308: Advanced Research Methods in Communication (L) (3)

Electives -- 6 credit hours
AES 103: Air Force Today II (2)
AES 203: The Evolution of USAF Air and Space Power II (2)
AFR 494: Black Military History (3)

ARS 102: Art from Renaissance to Modernism (HU & H) (3)

ARS 498: Art and Cold War Cultures (L) (3)

COM 263: Elements of Intercultural Communication (SB & C & G) (3)

COM 420: Rhetoric and Community Advocacy (3)

CRD 210: Community Services and Professions (3)

DSC 101: Design Awareness (HU & G) (3)

DSC 394: Design Entrepreneurship & Society (3)

ECN 416: Game Theory and Economic Behavior (3)

ENG 333: American Jewish Literature during the Cold War (3)

ENT 360: Entrepreneurship and Value Creation (3)

FAS 410: Military Family Systems in a Democracy (3)

FIS 494: How to Make the Future (3)

FMS 427: Identity and World Film (C) (3)

FSE 301: Entrepreneurship and Value Creation (3)

GRK 346 / HST 346 / SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) (3)

HST 204: Historical Themes in the US (3)

HST 302: War and Political Thought (3)

HST 302: Women, War and Peace (3)

HST 306: World War ll (3)

HST 340: American Military History (SB & H) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 372: Modern Middle East (SB & G & H) (3)

HST 456: The Vietnam War (SB & G & H) (3)

IAP 307: Art and War (HU & G) (3)

JMC 325: Breaking News Multimedia Reporting (3)

JMC 437: Documentary Production (3)

JMC 487: Howard Center for Investigative Journalism (3)

JST 346: Israeli Wars in Israeli Movies (HU & G) (3)

MCO 494: War and Media (3)

MIS 102: Foundation of Agile and Adaptive Leadership (4)

MIS 302: Applied Leadership in Small-Unit Operations (L) (4)

MIS 394: Ranger Challenge Experience (3)

NAV 102: Sea Power and Maritime Affairs (3)

OGL 200: Introduction to Organizational Leadership (SB) (3)

OGL 220: Behavioral Dynamics in Organizations (SB) (3)

OGL 300: Theory and Practice of Leadership (3)

OGL 340: Special Topics (3)

OGL 350: Diversity and Organizations (L & C) (3)

PAF 112: Identity, Service and American Democracy (SB & C) (3)

PAF 200: Public Service and Policy in the 21st Century (3)

PAF 302: Public Service Research Methods (3)

POS 378 / REL 378: Religion, War and Peace (L) (3)

SGS 394: Gender and Armed Conflict (3)

SOC 352: Social Change (SB & G & H) (3)

VTS 394: Special Topics (3)

VTS 494: Special Topics (3)

Other courses that complement the student's individual course of study may be completed with prior approval of the academic advisor.

Internship -- 3 credit hours

VTS 484: Internship (3)

All students must complete an internship. They should review their internship options, including virtual, with the CISA internship coordinator. Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/certificates/veteran-service/)

Career Opportunities:
Students can advance their career options with an undergraduate certificate.

Those who have combined the certificate in veterans, society and service with their major program of study may become more marketable to employers.

Students who complete this undergraduate certificate often decide to pursue employment as health care social workers, social and community service managers or community health workers. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://vetengagement.asu.edu
AZCNTR 380
CISA@asu.edu
602-496-0271

Water Resources Certificate (LAWATRCERT)

Campus: Tempe

Description:
The certificate program in water resources covers topics related to hydrologic science and their application to water resources management. The sequence of classes offered through the certificate program build from a foundation in geological sciences up to water policy and design aspects of hydrology, as selected by the student.

Program Requirements:
The certificate requires a minimum of 16 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Required Courses -- 10 credit hours
GLG 108 / SOS 182: Water Planet (SQ) (4)
GLG 327 / SOS 374: Earth's Critical Zone (3)
GLG 470: Hydrogeology (3)

Electives (choose two) -- 6 credit hours
CEE 441: Water Resources Engineering (3)
GLG 325 / BIO 325 / CHM 385: Oceanography (3)
GLG 362: Geomorphology (3)
GLG 471: Hydrology (3)
GLG 481: Geochemistry (3)
SOS 433: Sustainable Water Use (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
With the job outlook for water resources increasing at a rate faster than other job averages (more than 11% by 2024, U.S. Bureau of Labor Statistics), the demand for individuals with industry-specific skills is clear.

Students who earn a certificate in water resources can advance their career opportunities and become more marketable to employers. Exciting career opportunities in this field exist within government agencies, private sector consulting, engineering firms and nonprofit organizations, though

most career areas do require more training than a certificate alone can provide.

Career opportunities include:

- hydrologist
- soil and water conservationist
- water or wastewater engineer
- water resources technician

Sample career settings include:

- environmental industry
- governmental agencies
- nongovernmental organizations
- nonprofit organizations
- regulatory agencies
- utilities

Contact Information:
Liberal Arts and Sciences, The College of
School of Earth and Space Exploration
https://sese.asu.edu
ISTB4 795
sese-advising@asu.edu
480-965-5081

Wildlife Management Certificate (LSWLMCERT)

Campus: Polytechnic

Description:
The undergraduate wildlife management certificate is for students interested in biology, conservation, sustainability and management of wildlife resources. Students gain application-based and hands-on experience in the field and engage with wildlife professionals.

Program Requirements:
This certificate requires 22 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required in each course.

Required Courses -- 13 credit hours
ABS 274: Introduction to Wildlife Management (4)
ABS 376: Wildlife Ecology (3)
ABS 475: Habitat Management for Small Wildlife (3)
ABS 476: Big Game Habitat Management (3)

Electives (choose three) -- 9 credit hours
ABS 377: International Wildlife Conservation (3)
ABS 380: Restoration and Wildlife Plants (3)
ABS 384: Natural Resources Measurements (3)
ABS 470: Life History of Mammals (3)
ABS 472: Applied Herpetology (3)
ABS 473: Applied Ornithology (3)
ABS 485: GIS in Natural Resources (3)
ABS 486: Introduction to Remote Sensing (4)
ABS 489: Undergraduate Research (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can advance their career options with an undergraduate certificate. This certificate may give a hiring edge, through requisite knowledge and skills, to students who want to pursue employment in the growing number of environmental careers offered by state and federal agencies (e.g., Arizona Game and Fish Department, U.S. Forest Service, U.S. Geological Survey, U.S. Bureau of Land Management) and nongovernmental organizations in areas of fish and wildlife management, range management or as biological technicians.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
https://cisa.asu.edu
SANCA 233
CISA@asu.edu
480-727-1526

Working with Military Families Certificate (LAWWMFCERT)

Campus: Tempe

Description:

Students in all majors will benefit from the knowledge gained by completing the requirements for this certificate. Understanding and appreciating the similarities and differences in civilian and military culture will help students become more inclusive coworkers, managers and community members with those in the military community and their families.

Important complexities surround the dynamics of military families. Military personnel, veterans and their families face unique issues and challenges such as navigating military culture and dealing with multiple deployments, war, combat, trauma and death. Students interested in careers focusing on these families have a need to understand normative family processes, stress and coping, and military culture and leadership.

Students enrolled in this program take a unique combination of academic coursework and military leadership training. Students who complete the certificate program are conversant with human development, marital and familial relationships, and family dynamics in the context of military culture.

Program Requirements:

The certificate requires 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses.

Required Courses -- 15 credit hours
CDE 232: Human Development (SB) (3)
FAS 101: Personal Growth and Relationships (SB) (3)
FAS 331: Modern Family Relationships (SB) (3)
FAS 410: Military Family Systems in a Democracy (3)
OGL 300: Theory and Practice of Leadership or PAF 311: Leadership and Change (SB) or AES 301: Air Force Leadership Studies I (L) or MIS 301: Training Management and the Warfighting Functions (L) (3)

Internship Requirement -- 3 credit hours
FAS 484: Internship (3)

Students are required to complete a capstone internship project that includes a field work experience, a written integrative paper and an oral presentation.
Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

There are no additional admission requirements other than those required for admission to ASU.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:

Students can become more marketable to employers and advance their career options when they complement their major with this undergraduate certificate specialization in working with military families.

Students who complete this undergraduate certificate often decide to pursue employment in health care, counseling or social work, sociology or education. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Sanford School of Social and Family Dynamics
https://thesanfordschool.asu.edu/
SS 144
advisor@asu.edu
480-965-6978

Writing (Liberal Arts and Sciences) Certificate (LAENGCERT)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:
The writing certificate program provides advanced writing instruction for students in any major. Students in the program gain practical skills in effective communication and enhance their ability to create, structure and present information in a variety of contexts.

ASU's Department of English in The College of Liberal Arts and Sciences has an extensive internship program, with opportunities for placements in publishing, media and marketing, government, teaching English as a second language, nonprofits and film festivals. The Department of English also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

Enrollment Requirements:
Application to the program requires a minimum GPA of 3.00 (scale is 4.00 = "A") in ENG 101 and ENG 102, ENG 105, or ENG 107 and ENG 108. Students must also have completed at least 30 credit hours of coursework.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Graduates who combine the writing certificate with their major program of study may increase their marketability to employers, and they often decide to pursue employment in business or technical writing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:
Liberal Arts and Sciences, The College of
Department of English
https://english.asu.edu/
RBHL 170
englishadvising@asu.edu
480-965-3168

Writing (New College) Certificate (ASWRTCERT)

Campus: West

Description:
The certificate in writing is a valuable program for students in any discipline. The ability to communicate clearly, directly and effectively is a key to advancement in all careers.

The program offers five track options (creative writing, generalist, nonfiction writing, professional and technical writing, and publishing and editing) which can be tailored to students' individual interests and career goals. The program comprises intensive coursework that culminates in an exit portfolio, a collection of work that demonstrates the writing skills mastered by each student.

The certificate in writing is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:
The writing certificate consists of 16 credit hours, 13 of which must be upper division. Students must complete a minimum of six upper-division credit hours offered by the School of Humanities, Arts, and Cultural Studies. Requirements include 15 credit hours of track courses from one track (chosen in consultation with the faculty certificate coordinator) and one credit hour of AMS 490 Writing Portfolio. Six to nine credit hours may be shared between the certificate and major requirements upon approval. All courses used to satisfy the requirements for the certificate must be passed with a "B" (3.00 on a 4.00 scale) or better.

Track Requirements -- 15 credit hours
Select and complete 15 credit hours from within one Track. Coursework must be chosen in consultation with the faculty certificate coordinator. A minimum of 12 out of the 15 credit hours must be upper division. (15)

Creative Writing Track
ENG 210: Introduction to Creative Writing (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 287: Beginning Creative Writing Workshop in Poetry (3)
ENG 288: Beginning Creative Writing Workshop in Fiction (3)
ENG 310: Intermediate Creative Writing (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 361: Scriptwriting (3)
ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
ENG 394: Comedy Writing (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 433: Literary Magazine Publishing: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Professional and Technical Writing Track
ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 216: Persuasive Writing on Public Issues (L) (3)
ENG 301: Writing for the Professions (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 323: Rhetoric and Grammar (L) (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 410: Writing for Publication (3)
ENG 433: Literary Magazine Publishing: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Publishing and Editing Track
ENG 323: Rhetoric and Grammar (L) (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 433: Literary Magazine Publishing: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Nonfiction Writing Track
ENG 216: Persuasive Writing on Public Issues (L) (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)

ENG 379: Travel Writing (L) (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 410: Writing for Publication (3)
ENG 420: Multicultural Autobiographies ((L or HU) & C) (3)
ENG 433: Literary Magazine Publishing: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Generalist Track
ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 210: Introduction to Creative Writing (3)
ENG 216: Persuasive Writing on Public Issues (L) (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 287: Beginning Creative Writing Workshop in Poetry (3)
ENG 288: Beginning Creative Writing Workshop in Fiction (3)
ENG 301: Writing for the Professions (L) (3)
ENG 302: Business Writing (L) (3)
ENG 310: Intermediate Creative Writing (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 323: Rhetoric and Grammar (L) (3)
ENG 361: Scriptwriting (3)
ENG 379: Travel Writing (L) (3)
ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
ENG 394: Comedy Writing (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 433: Literary Magazine Publishing: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Writing Portfolio -- 1 credit hours
AMS 490: Writing Certificate Portfolio (1)

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:
The certificate in writing is open to all ASU undergraduate majors. To gain admission to the program, students must demonstrate fundamental writing skills through the completion of English composition. Students are required to submit an application, which includes at least three samples of writing from lower-division courses or independent writing projects. Applications must be submitted at least two months before the start of the semester they anticipate being admitted. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and all required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career Opportunities:
Certification of advanced writing skills opens the way to a vast array of opportunities: journalism and publishing, public advocacy, military and government, elementary and secondary education, industry and management, economic development and law. Graduates are prepared for jobs as technical writers, copy editors, teachers, publishers, writers, reporters and correspondents, and script writers.

Contact Information:
Interdisciplinary Arts and Sciences, New College of
School of Humanities, Arts, and Cultural Studies
https://newcollege.asu.edu/writing-new-college-certificate
FAB N100

harcsadvising@asu.edu
602-543-3000